

Converting Colors

XYZ(77.4807, 81.9119, 89.5547)

Have a look what the booklet for XYZ(77.4807, 81.9119, 89.5547) contains.

- XYZ(77.5528, 81.9420, 89.5708) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 23**
- Color Blindness Simulation* 27**
- CSS Examples* 30**

Color

**XYZ(77.5528, 81.9420,
89.5708)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EAEA
RGB	232, 234, 234
RGB Percent	91%, 92%, 92%
CMY	0.0902, 0.0823, 0.0823
CMYK	0.01, 0.00, 0.00, 0.08
HSL	180°, 5%, 91%
HSV	180°, 1%, 92%
XYZ	77.5528, 81.9420, 89.5708
YIQ	233.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

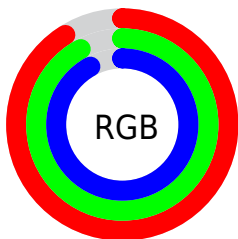
Format	Color
R _Y B	232, 233, 234
Decimal	15264490
CIE Lab	92.55, -0.66, -0.24
CIE LCh	93, 0.707, 200.230
Yxy	81.9420, 0.3114, 0.3290
Android (android.graphics.Color)	4293454570 (0xFFE8EAEA)
YUV	233.4020, 0.2948, -1.2296
Hunter-Lab	90.5218, -5.4868, 4.6982

Details

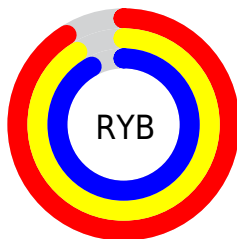
The XYZ color **77.5528, 81.9420, 89.5708** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3568, 81.0339, 87.9120**, and the grayscale version is **77.7555, 81.8048, 89.0854**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8608, 44.2852, 48.4611** is the 20% darker color. If you saturate the color by 10%, you get **70.4508, 78.2839, 89.2046**, and if you desaturate by 10%, it is **85.5227, 86.0522, 89.9809**.

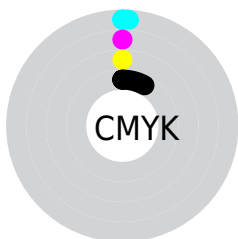
Distribution



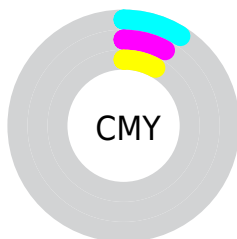
- Red (91%)
- Green (92%)
- Blue (92%)



- Red (91%)
- Yellow (91%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5528, 81.9420, 89.5708 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.5528, 81.9420, 89.5708 by changing the saturation by 10% instead.

■ 77.5528, 81.9420,
89.5708

■ 77.5528, 81.9420,
89.5708

475.5098,
501.4537, 547.1677

■ 58.0082, 61.3177,
67.0530

128.8882,
136.0927, 148.6724

■ 42.0585, 44.4816,
48.6658

161.4098,
170.3878, 186.0933

■ 29.3384, 31.0493,
33.9907

198.9876,
210.0088, 229.3189

■ 19.4826, 20.6364,
22.6092

241.9872,
255.3399, 278.7679

■ 12.1255, 12.8585,
14.1026

290.7739,
306.7655, 334.8587

■ 6.9020, 7.3312,
8.0525

345.7130,

■ 3.4467, 3.6701,

364.6701, 398.0099

4.0403

407.1698,
429.4380, 468.6401

■ 1.3942, 1.4908,
1.6475

■ 0.2521, 0.2822,
0.3244

■ 77.5528, 81.9420,
89.5708

■ 77.5528, 81.9420,
89.5708

■ 70.4508, 78.2839,
89.2046

■ 85.5227, 86.0522,
89.9809

■ 64.3183, 75.1233,
88.8822

■ 85.5295, 86.0549,
90.0168

■ 59.1152, 72.4417,
88.6032

■ 85.5363, 86.0576,
90.0526

■ 54.7962, 70.2160,
88.3657

■ 85.5431, 86.0603,
90.0884

51.3120, 68.4206,
88.1672

85.5500, 86.0631,
90.1242

48.6088, 67.0278,
88.0052

85.5568, 86.0658,
90.1601

46.6261, 66.0065,
87.8770

85.5636, 86.0685,
90.1959

45.2949, 65.3210,
87.7793

85.5704, 86.0712,
90.2318

44.5326, 64.9288,
87.7083

85.5772, 86.0740,
90.2677

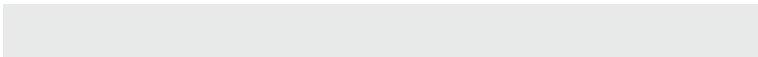
Harmonies

Analogous

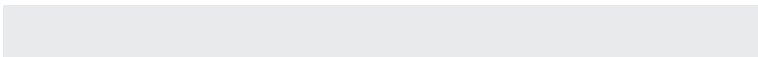
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5362, 81.9420, 89.0495



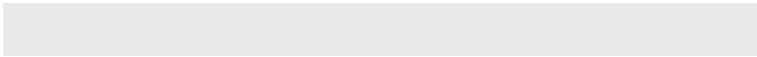
77.5528, 81.9420, 89.5708



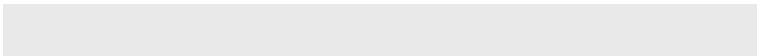
77.6579, 81.9420, 89.9999

Triad

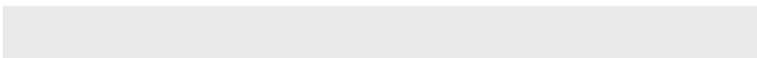
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5528, 81.9420, 89.5708



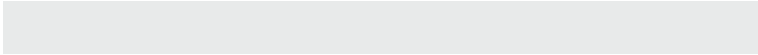
78.1549, 81.9420, 89.8689



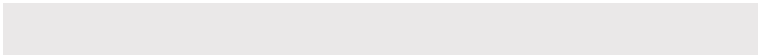
77.9433, 81.9420, 88.2287

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.5528, 81.9420, 89.5708



77.3568, 81.0339, 87.9120

Split Complementary

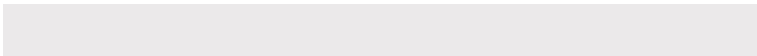
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1093, 81.9420, 88.4464



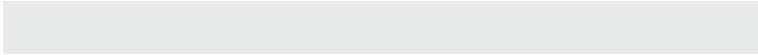
77.5528, 81.9420, 89.5708



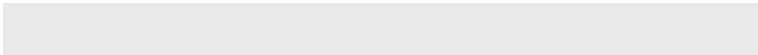
78.2317, 81.9420, 89.3925

Square

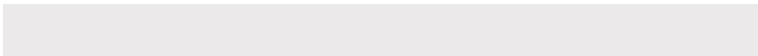
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



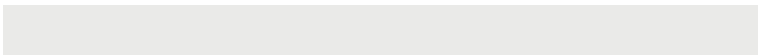
77.5528, 81.9420, 89.5708



78.0055, 81.9420, 90.1725



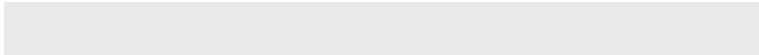
78.2150, 81.9420, 88.8719



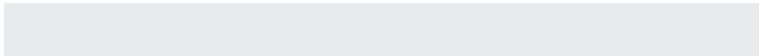
77.7615, 81.9420, 88.2761

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5528, 81.9420, 89.5708



77.7641, 81.9420, 90.1753



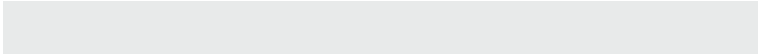
78.2150, 81.9420, 88.8719



78.0028, 81.9420, 88.2733

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.5551, 81.9455, 89.5726

95.0500, 100.0000, 108.9000



77.2801, 81.8368, 88.0680



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

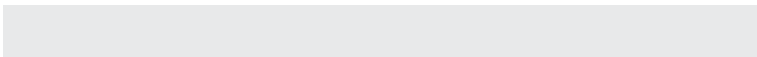
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5551, 81.9455, 89.5726



94.1172, 99.5192, 108.8520



77.2807, 81.3956, 89.4840



16.8441, 17.8057, 19.4706



24.8421, 36.3913, 49.2612



1.9511, 2.8578, 3.8705

Inverse Universe

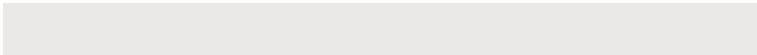
The Inverse Universe completely reimagines the original color for something new.



77.3568, 81.0339, 87.9120



93.8348, 98.2210, 106.4870



77.6297, 81.5806, 88.0001



16.7965, 17.5868, 19.0718



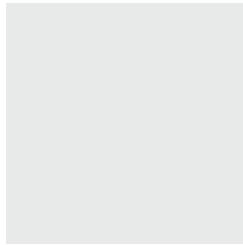
19.0698, 9.8306, 0.9029



1.4979, 0.7721, 0.0732

Previews

White Background



This preview shows how the XYZ color 77.5528, 81.9420, 89.5708 looks on a white background.

Color Contrast Check

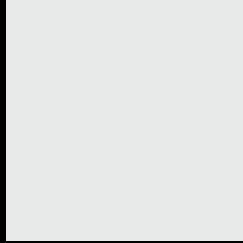
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.5528, 81.9420, 89.5708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

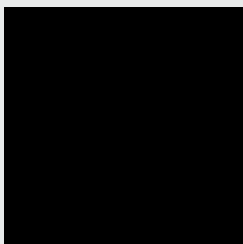
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

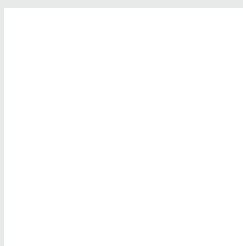
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.5528, 81.9420, 89.5708

Background



This preview shows how black text looks on a background with the XYZ color 77.5528, 81.9420, 89.5708.



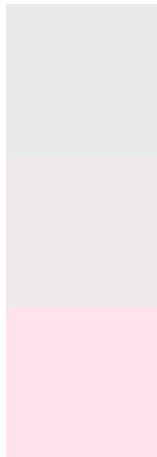
This preview shows how white text looks on a background with the XYZ color 77.5528, 81.9420,

89.5708.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.5528, 81.9420, 89.5708

Protanopia

78.8245, 81.7736, 88.7202

Deuteranopia

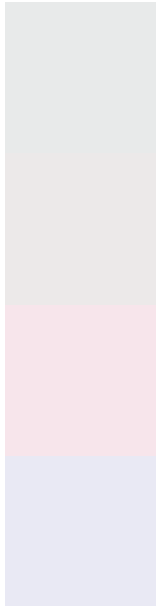
83.5767, 81.7088, 90.7233



Tritanopia

80.0436, 82.1078, 102.0721

Trichromacy



Original Color

77.5528, 81.9420, 89.5708

Protanomaly

78.4390, 81.9939, 88.7830

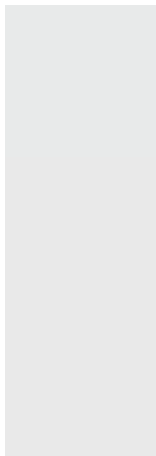
Deuteranomaly

81.3725, 81.8109, 90.0996

Tritanomaly

79.0723, 82.1331, 97.2737

Monochromacy



Original Color

77.5528, 81.9420, 89.5708

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.4512, 81.4847, 88.7368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5528, 81.9420, 89.5708 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(232, 234, 234) looks like.

```
.text, #text, p{  
    color:rgb(232, 234, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 234) }
```

Border

The CSS property to change the border of an element to XYZ 77.5528, 81.9420, 89.5708 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 234, 234) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 234, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 234, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 234, 234); box-shadow:4px 4px 4px 4px rgb(232, 234, 234) }
```


Background

The CSS property to change the background color of an element to XYZ 77.5528, 81.9420, 89.5708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 234, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
234, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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