

Converting Colors

XYZ(77.1962, 78.4833, 97.0884)

Have a look what the booklet for
XYZ(77.1962, 78.4833, 97.0884)
contains.

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Color

**XYZ(77.5548, 78.8544,
97.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E3F5
RGB	233, 227, 245
RGB Percent	91%, 89%, 96%
CMY	0.0863, 0.1098, 0.0392
CMYK	0.05, 0.07, 0.00, 0.04
HSL	260°, 47%, 93%
HSV	260°, 7%, 96%
XYZ	77.5548, 78.8544, 97.5190
YIQ	230.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

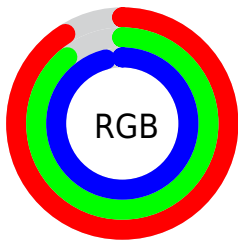
Format	Color
R_{YB}	233, 227, 245
Decimal	15328245
CIE Lab	91.17, 5.29, -8.01
CIE LCh	91, 9.602, 303.451
Yxy	78.8544, 0.3054, 0.3105
Android (android.graphics.Color)	4293518325 (0xFFE9E3F5)
YUV	230.8460, 6.9779, 1.8891
Hunter-Lab	88.8000, 0.4956, -2.9515

Details

The XYZ color **77.5548, 78.8544, 97.5190** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1170, 89.2036, 85.5670**, and the grayscale version is **75.7941, 79.7413, 86.8382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0693, 42.5263, 54.1352** is the 20% darker color. If you saturate the color by 10%, you get **66.2368, 63.7717, 95.2055**, and if you desaturate by 10%, it is **90.3246, 96.1053, 100.1769**.

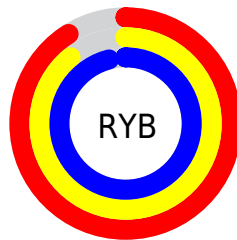
Distribution



Red (91%)

Green (89%)

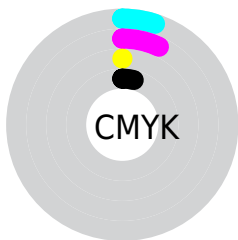
Blue (96%)



Red (91%)

Yellow (89%)

Blue (96%)

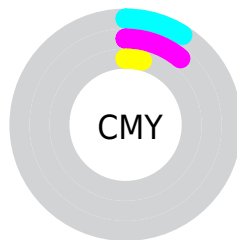


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5548, 78.8544, 97.5190 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 77.5548, 78.8544, 97.5190 by changing the saturation by 10% instead.

77.5548, 78.8544,
97.5190

77.5548, 78.8544,
97.5190

475.5165,
491.0636, 573.3873

58.0098, 58.7761,
73.6249

128.8910,
131.7539, 159.7655

42.0599, 42.4329,
53.9921

161.4130,
165.3438, 198.9550

29.3395, 29.4404,
38.2022

198.9914,
204.2065, 244.0801

19.4834, 19.4142,
25.8366

241.9915,
248.7262, 295.5592

12.1261, 11.9700,
16.4768

290.7787,
299.2874, 353.8109

6.9024, 6.7232,
9.7042

345.7184,

3.4470, 3.2896,

356.2744, 419.2538

5.1002

407.1759,
420.0717, 492.3064

■ 1.3943, 1.2847,
2.2464

■ 0.2522, 0.1293,
0.7010

■ 77.5548, 78.8544,
97.5190

■ 77.5548, 78.8544,
97.5190

■ 66.2368, 63.7717,
95.2055

■ 90.3246, 96.1053,
100.1769

■ 56.3104, 50.7602,
93.2172

■ 93.4817, 99.3727,
100.6412

■ 47.7211, 39.7302,
91.5409

■ 40.4078, 30.5816,
90.1605

■ 34.3048, 23.2051,
89.0583

■ 29.3396, 17.4801,
88.2150

■ 25.4312, 13.2702,
87.6084

■ 22.4864, 10.4158,
87.2126

■ 20.3876, 8.7110,
86.9942

Harmonies

Analogous

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



75.2305, 78.8544, 99.9259



77.5548, 78.8544, 97.5190



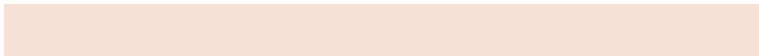
79.2081, 78.8544, 91.9821

Triad

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



77.5548, 78.8544, 97.5190



77.0573, 78.8544, 74.4326



70.3794, 78.8544, 86.6673

Complementary

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



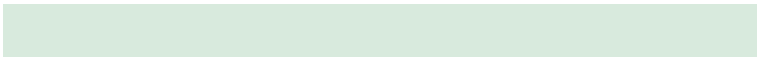
77.5548, 78.8544, 97.5190



82.1170, 89.2036, 85.5670

Split Complementary

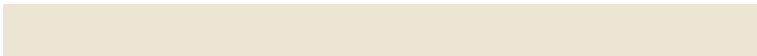
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.8449, 78.8544, 80.0139



77.5548, 78.8544, 97.5190



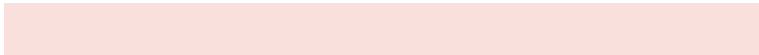
74.6677, 78.8544, 73.1785

Square

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



77.5548, 78.8544, 97.5190



78.9166, 78.8544, 78.6897



72.4017, 78.8544, 75.1676



71.1162, 78.8544, 93.4511

Rectangle

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



77.5548, 78.8544, 97.5190



79.6888, 78.8544, 87.3948



72.4017, 78.8544, 75.1676



70.4005, 78.8544, 84.3414

Sweetspot

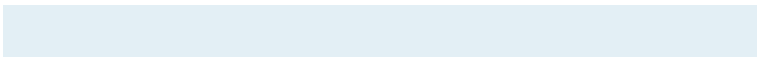
The Sweet Spot groups the original color and five complimentary colors.



77.5571, 78.8578, 97.5207



92.2045, 96.1498, 108.3068



79.1171, 84.8348, 98.5922



19.7654, 20.6204, 23.1883



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



77.5571, 78.8578, 97.5207



82.7531, 83.4337, 106.3505



80.4680, 80.3584, 97.6570



16.1014, 16.1949, 20.8199



10.8672, 4.5766, 46.8486



1.0596, 0.4561, 4.1224

Inverse Universe

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



80.7080, 80.5862, 92.9662



86.9537, 85.7386, 100.2477



79.2497, 87.7255, 85.4328



16.9652, 16.6689, 19.5632



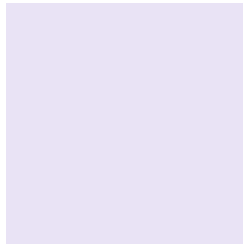
23.9321, 11.9163, 20.1484



2.1509, 1.0663, 2.0213

Previews

White Background



This preview shows how the XYZ color 77.5548, 78.8544, 97.5190 looks on a white background.

Color Contrast Check

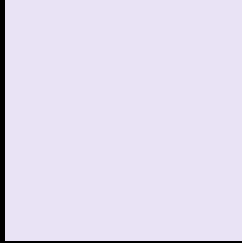
Large Text (above 18pt) WCAG AA × Fail

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 77.5548, 78.8544, 97.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

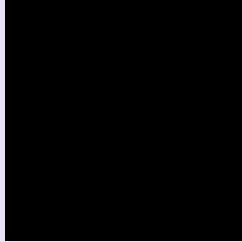
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5548, 78.8544, 97.5190

Background



This preview shows how black text looks on a background with the XYZ color 77.5548, 78.8544, 97.5190.



This preview shows how white text looks on a background with the XYZ color 77.5548, 78.8544,

97.5190.

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

77.5548, 78.8544, 97.5190

Protanopia

76.6911, 78.7986, 98.3564

Deuteranopia

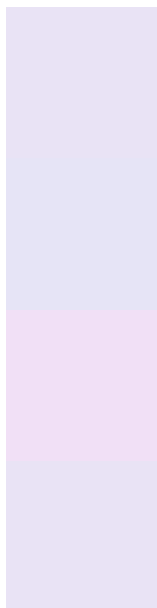
80.6784, 78.8417, 98.1545



Tritanopia

77.5548, 78.8544, 97.5190

Trichromacy



Original Color

77.5548, 78.8544, 97.5190

Protanomaly

77.0111, 78.9636, 98.3714

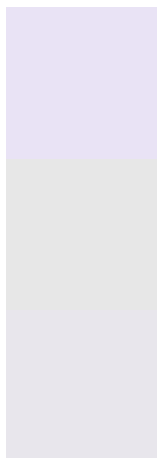
Deuteranomaly

79.5658, 78.6659, 98.1792

Tritanomaly

77.5548, 78.8544, 97.5190

Monochromacy



Original Color

77.5548, 78.8544, 97.5190

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.7158, 79.8056, 90.7175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5548, 78.8544, 97.5190 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(233, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 245)  
}
```

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(233, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 245) }
```

Border

The CSS property to change the border of an element to XYZ 77.5548, 78.8544, 97.5190 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(233, 227, 245) }
```


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

```
.border{ border-color:rgb(233, 227, 245) }
```

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

Here you see how a box with a 4 pixel rgb(233, 227, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5548, 78.8544, 97.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 245) }
```

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

```
.background{ background-color: rgb(233,  
227, 245) }
```

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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