

Converting Colors

XYZ(77.1752, 82.6819, 95.8087)

Have a look what the booklet for
XYZ(77.1752, 82.6819, 95.8087)
contains.

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Color

**XYZ(77.3625, 82.9867,
95.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EDF2
RGB	225, 237, 242
RGB Percent	88%, 93%, 95%
CMY	0.1176, 0.0706, 0.0510
CMYK	0.07, 0.02, 0.00, 0.05
HSL	198°, 40%, 92%
HSV	198°, 7%, 95%
XYZ	77.3625, 82.9867, 95.9450
YIQ	233.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

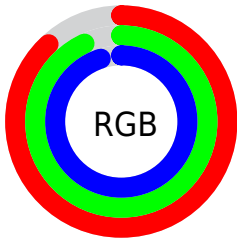
Format	Color
R _Y B	225, 232, 242
Decimal	14806514
CIE Lab	93.01, -3.03, -3.80
CIE LCh	93, 4.854, 231.446
Yxy	82.9867, 0.3019, 0.3238
Android (android.graphics.Color)	4292996594 (0xFFE1EDF2)
YUV	233.9820, 3.9529, -7.8772
Hunter-Lab	91.0970, -7.8319, 1.3227

Details

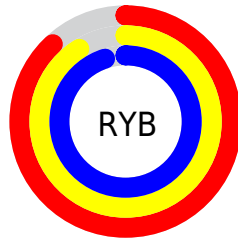
The XYZ color **77.3625, 82.9867, 95.9450** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.5056, 80.9064, 82.7143**, and the grayscale version is **78.1709, 82.2419, 89.5614**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9644, 45.1390, 52.9553** is the 20% darker color. If you saturate the color by 10%, you get **68.3284, 75.3349, 94.9455**, and if you desaturate by 10%, it is **87.5524, 91.3601, 97.0254**.

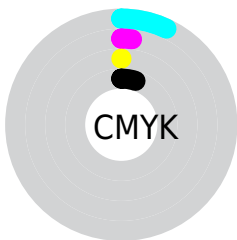
Distribution



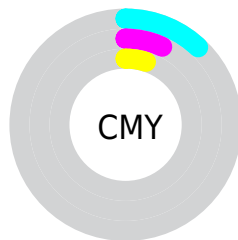
- Red (88%)
- Green (93%)
- Blue (95%)



- Red (88%)
- Yellow (91%)
- Blue (95%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3625, 82.9867, 95.9450 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 77.3625, 82.9867, 95.9450 by changing the saturation by 10% instead.

■ 77.3625, 82.9867,
95.9450

■ 77.3625, 82.9867,
95.9450

474.8721,
504.9422, 568.2473

■ 57.8514, 62.1792,
72.3205

128.6212,
137.5568, 157.5763

■ 41.9320, 45.1775,
52.9321

161.0995,
172.0882, 196.4202

■ 29.2389, 31.5973,
37.3612

198.6309,
211.9631, 241.1744

■ 19.4068, 21.0541,
25.1893

241.5808,
257.5657, 292.2573

■ 12.0704, 13.1635,
15.9979

290.3145,
309.2805, 350.0875

■ 6.8641, 7.5412,
9.3683

345.1974,

■ 3.4229, 3.8028,

367.4919, 415.0835

4.8821

406.5948,
432.5844, 487.6640

■ 1.3811, 1.5639,
2.1207

■ 0.2427, 0.3331,
0.6281

■ 77.3625, 82.9867,
95.9450

■ 77.3625, 82.9867,
95.9450

■ 68.3284, 75.3349,
94.9455

■ 87.5524, 91.3601,
97.0254

■ 60.3971, 68.3693,
94.0190

■ 91.8364, 96.8093,
97.8514

■ 53.5223, 62.0668,
93.1649

■ 93.0273, 99.1909,
98.2484

■ 47.6512, 56.3988,
92.3803

■ 42.7263, 51.3341,
91.6622

■ 38.6841, 46.8385,
91.0076

■ 35.4525, 42.8734,
90.4125

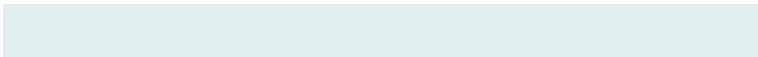
■ 32.9470, 39.3935,
89.8729

■ 31.0596, 36.3418,
89.3833

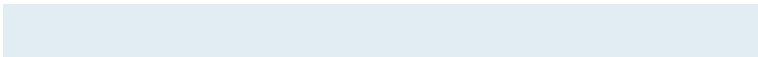
Harmonies

Analogous

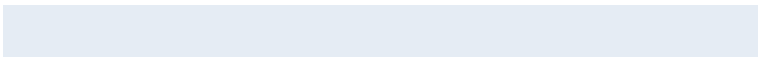
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6228, 82.9867, 92.9425



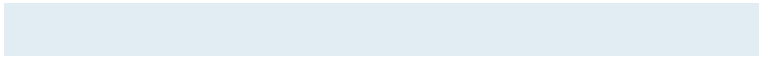
77.3625, 82.9867, 95.9450



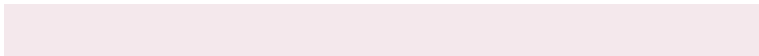
78.5133, 82.9867, 97.4603

Triad

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



77.3625, 82.9867, 95.9450



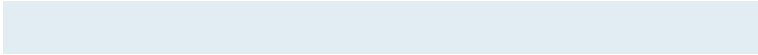
81.3186, 82.9867, 91.4038



77.9859, 82.9867, 83.9972

Complementary

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



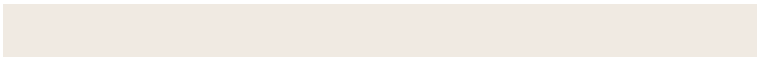
77.3625, 82.9867, 95.9450



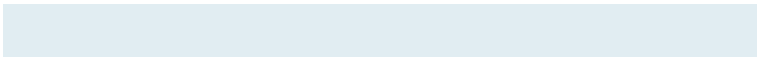
78.5056, 80.9064, 82.7143

Split Complementary

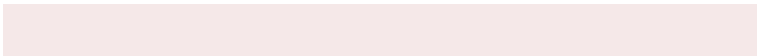
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2406, 82.9867, 83.6102



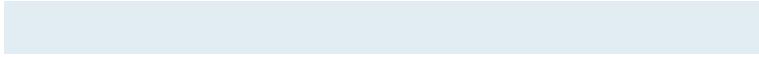
77.3625, 82.9867, 95.9450



81.1737, 82.9867, 87.8226

Square

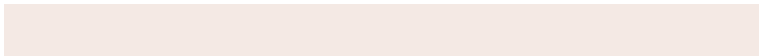
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3625, 82.9867, 95.9450



80.8037, 82.9867, 94.7927



80.4099, 82.9867, 84.9930



76.9800, 82.9867, 86.0646

Rectangle

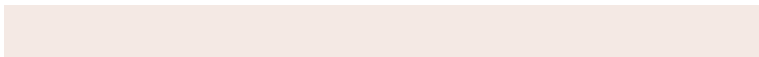
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3625, 82.9867, 95.9450



79.3625, 82.9867, 97.3958



80.4099, 82.9867, 84.9930



78.3922, 82.9867, 83.6685

Sweetspot

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



77.3649, 82.9902, 95.9468



92.7222, 98.0929, 108.6546



77.0619, 85.2160, 87.1160



19.8708, 21.0160, 23.2591



0.0000, 0.0000, 0.0000



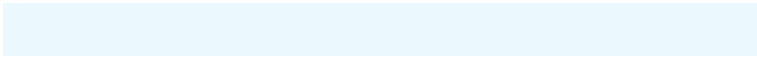
20.3446, 21.4041, 23.3091

Same Dimension

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



77.3649, 82.9902, 95.9468



86.0561, 92.5682, 107.9396



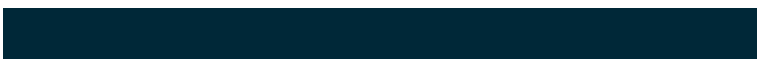
75.0114, 78.2833, 95.1623



15.8322, 17.0986, 20.1875



16.5446, 19.3135, 47.9837



1.4620, 1.7781, 4.0204

Inverse Universe

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



78.8311, 78.8437, 91.1884



87.9335, 87.2877, 101.8397



80.8767, 85.6485, 83.5046



16.2448, 15.9476, 18.8451



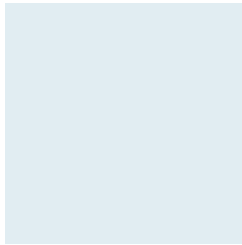
23.6766, 11.7431, 22.0112



2.0129, 0.9942, 2.0589

Previews

White Background



This preview shows how the XYZ color 77.3625, 82.9867, 95.9450 looks on a white background.

Color Contrast Check

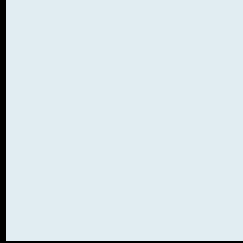
Large Text (above 18pt) WCAG AA × Fail

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 77.3625, 82.9867, 95.9450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

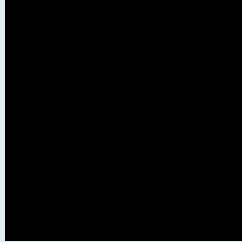
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

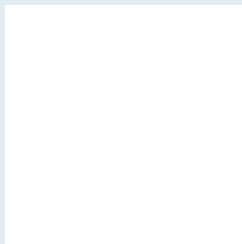
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3625, 82.9867, 95.9450

Background



This preview shows how black text looks on a background with the XYZ color 77.3625, 82.9867, 95.9450.



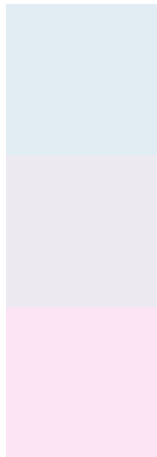
This preview shows how white text looks on a background with the XYZ color 77.3625, 82.9867,

95.9450.

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

77.3625, 82.9867, 95.9450

Protanopia

79.7921, 82.5736, 94.1709

Deuteranopia

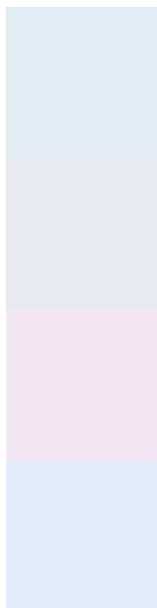
84.5805, 82.9011, 97.1316



Tritanopia

79.2763, 82.9033, 105.5896

Trichromacy



Original Color

77.3625, 82.9867, 95.9450

Protanomaly

78.9043, 82.5201, 94.9884

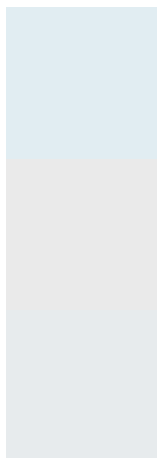
Deuteranomaly

81.7157, 82.6776, 96.4455

Tritanomaly

78.6148, 83.0618, 102.3316

Monochromacy



Original Color

77.3625, 82.9867, 95.9450

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.9494, 82.5200, 91.9403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3625, 82.9867, 95.9450 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(225, 237, 242) looks like.

```
.text, #text, p{  
    color:rgb(225, 237, 242)  
}
```

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(225, 237, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 237, 242) }
```

Border

The CSS property to change the border of an element to XYZ 77.3625, 82.9867, 95.9450 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(225, 237, 242) }
```


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

```
.border{ border-color:rgb(225, 237, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 237, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(225, 237,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3625, 82.9867, 95.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 237, 242) }
```

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

```
.background{ background-color: rgb(225,  
237, 242) }
```

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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