

Converting Colors

XYZ(75.8257, 79.1563, 99.2779)

Have a look what the booklet for
XYZ(75.8257, 79.1563, 99.2779)
contains.

XYZ(75.8258, 79.1563, 99.2779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.8258, 79.1563,
99.2779)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E6F7
RGB	224, 230, 247
RGB Percent	88%, 90%, 97%
CMY	0.1216, 0.0980, 0.0314
CMYK	0.09, 0.07, 0.00, 0.03
HSL	224°, 59%, 92%
HSV	224°, 9%, 97%
XYZ	75.8258, 79.1563, 99.2779
YIQ	230.1440, -9.0330, 4.0150

Conversions

Conversions Part 2

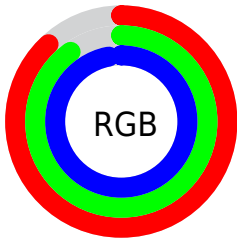
Format	Color
R_{YB}	224, 229, 247
Decimal	14739191
CIE Lab	91.30, 1.21, -8.93
CIE LCh	91, 9.010, 277.693
Yxy	79.1563, 0.2982, 0.3113
Android (android.graphics.Color)	4292929271 (0xFFE0E6F7)
YUV	230.1440, 8.3100, -5.3883
Hunter-Lab	88.9698, -3.5680, -3.8805

Details

The XYZ color **75.8258, 79.1563, 99.2779** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2680, 88.0661, 83.1323**, and the grayscale version is **75.2675, 79.1873, 86.2350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0961, 42.8565, 55.3964** is the 20% darker color. If you saturate the color by 10%, you get **63.9037, 65.8620, 97.3414**, and if you desaturate by 10%, it is **89.3965, 94.0944, 101.4472**.

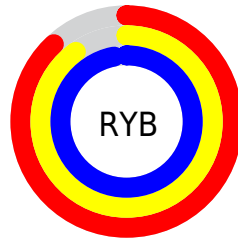
Distribution



Red (88%)

Green (90%)

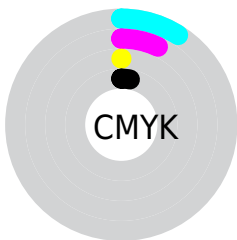
Blue (97%)



Red (88%)

Yellow (90%)

Blue (97%)

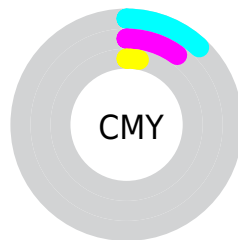


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (3%)



Cyan (12%)

Magenta (10%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8258, 79.1563, 99.2779 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 75.8258, 79.1563, 99.2779 by changing the saturation by 10% instead.

■ 75.8258, 79.1563,
99.2779

■ 75.8258, 79.1563,
99.2779

469.7047,
492.0849, 579.1020

■ 56.5862, 59.0243,
75.0841

126.4623,
132.1789, 162.2077

■ 40.9120, 42.6327,
55.1796

158.5900,
165.8383, 201.7808

■ 28.4377, 29.5970,
39.1460

195.7443,
204.7756, 247.3174

■ 18.7980, 19.5329,
26.5646

238.2908,
249.3752, 299.2360

■ 11.6275, 12.0560,
17.0170

286.5947,
300.0216, 357.9553

■ 6.5610, 6.7818,
10.0845

341.0215,

■ 3.2330, 3.3260,

357.0991, 423.8937

5.3487

401.9363,
420.9921, 497.4697

■ 1.2781, 1.3042,
2.3910

■ 0.1668, 0.1445,
0.7815

■ 75.8258, 79.1563,
99.2779

■ 75.8258, 79.1563,
99.2779

■ 63.9037, 65.8620,
97.3414

■ 89.3965, 94.0944,
101.4472

■ 53.5591, 54.1442,
95.6249

■ 93.7887, 99.4955,
102.2582

■ 44.7261, 43.9458,
94.1219

■ 37.3313, 35.2019,
92.8240

■ 31.2948, 27.8432,
91.7218

■ 26.5285, 21.7939,
90.8053

■ 22.9333, 16.9704,
90.0638

■ 20.3938, 13.2778,
89.4849

■ 18.7423, 10.5909,
89.0533

Harmonies

Analogous

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



73.5792, 79.1563, 98.3698



75.8258, 79.1563, 99.2779



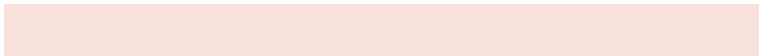
77.9561, 79.1563, 96.5403

Triad

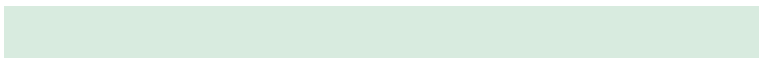
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8258, 79.1563, 99.2779



78.7686, 79.1563, 78.7158



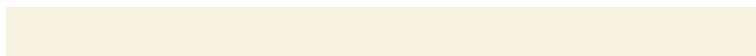
71.2410, 79.1563, 81.4962

Complementary

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



75.8258, 79.1563, 99.2779



83.2680, 88.0661, 83.1323

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.



72.5793, 79.1563, 76.6031



75.8258, 79.1563, 99.2779



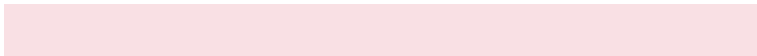
76.9169, 79.1563, 75.0554

Square

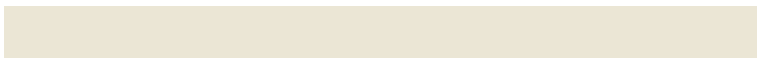
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8258, 79.1563, 99.2779



79.6774, 79.1563, 84.5131



74.6486, 79.1563, 74.3020



70.9622, 79.1563, 87.8844

Rectangle

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



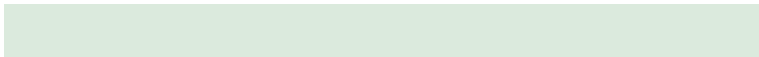
75.8258, 79.1563, 99.2779



79.0132, 79.1563, 93.0940



74.6486, 79.1563, 74.3020



71.5805, 79.1563, 79.6318

Sweetspot

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



75.8281, 79.1596, 99.2797



90.5143, 95.0237, 108.1785



79.8599, 88.7131, 96.0303



19.1202, 20.0602, 23.1142



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.



75.8281, 79.1596, 99.2797



79.2129, 82.5430, 106.3652



75.8758, 76.7467, 98.8114



15.9328, 16.6299, 20.9127



9.9600, 5.7137, 47.1159



0.9556, 0.6626, 4.1678

Inverse Universe

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



79.2982, 78.8004, 85.8972



83.5857, 82.1269, 89.4930



83.2088, 90.7171, 83.6471



16.6767, 16.5535, 18.0439



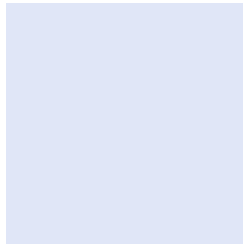
20.8318, 10.6762, 3.8229



1.8714, 0.9545, 0.5491

Previews

White Background



This preview shows how the XYZ color 75.8258, 79.1563, 99.2779 looks on a white background.

Color Contrast Check

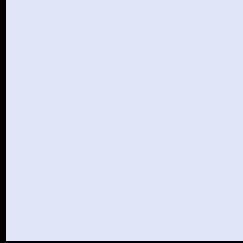
Large Text (above 18pt) WCAG AA × Fail

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 75.8258, 79.1563, 99.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

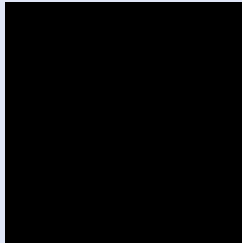
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

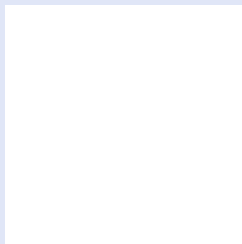
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8258, 79.1563, 99.2779

Background



This preview shows how black text looks on a background with the XYZ color 75.8258, 79.1563, 99.2779.



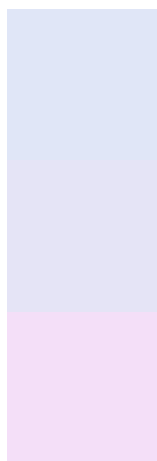
This preview shows how white text looks on a background with the XYZ color 75.8258, 79.1563,

99.2779.

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

75.8258, 79.1563, 99.2779

Protanopia

76.6911, 78.7986, 98.3564

Deuteranopia

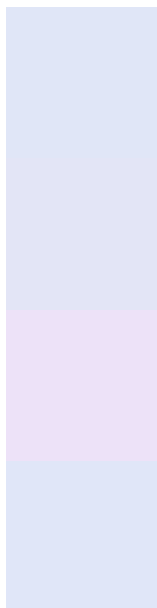
80.6392, 78.7858, 99.7640



Tritanopia

75.9806, 79.2182, 100.0930

Trichromacy



Original Color

75.8258, 79.1563, 99.2779

Protanomaly

76.3324, 79.0233, 98.4187

Deuteranomaly

79.0647, 79.1745, 99.9220

Tritanomaly

75.9806, 79.2182, 100.0930

Monochromacy



Original Color

75.8258, 79.1563, 99.2779

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4320, 79.1437, 90.6575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8258, 79.1563, 99.2779 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(224, 230, 247)` looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 247)  
}
```

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(224, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 247) }
```

Border

The CSS property to change the border of an element to XYZ 75.8258, 79.1563, 99.2779 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(224, 230, 247) }
```


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

```
.border{ border-color:rgb(224, 230, 247) }
```

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

Here you see how a box with a 4 pixel rgb(224, 230, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8258, 79.1563, 99.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 247) }
```

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

```
.background{ background-color: rgb(224,  
230, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor