

Converting Colors

XYZ(59.8347, 64.2872, 80.1525)

Have a look what the booklet for
XYZ(59.8347, 64.2872, 80.1525)
contains.

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Color

**XYZ(59.8990, 64.2590,
80.4804)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D4E1
RGB	196, 212, 225
RGB Percent	77%, 83%, 88%
CMY	0.2314, 0.1686, 0.1176
CMYK	0.13, 0.06, 0.00, 0.12
HSL	207°, 33%, 83%
HSV	207°, 13%, 88%
XYZ	59.8990, 64.2590, 80.4804
YIQ	208.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

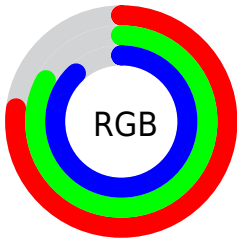
Format	Color
R _Y B	196, 206, 225
Decimal	12899553
CIE Lab	84.10, -2.79, -8.24
CIE LCh	84, 8.704, 251.302
Yxy	64.2590, 0.2927, 0.3140
Android (android.graphics.Color)	4291089633 (0xFFC4D4E1)
YUV	208.6980, 8.0369, -11.1361
Hunter-Lab	80.1617, -6.9030, -3.4125

Details

The XYZ color **59.8990, 64.2590, 80.4804** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8159, 65.5935, 61.5230**, and the grayscale version is **60.3648, 63.5085, 69.1608**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.4680, 32.7670, 42.7490** is the 20% darker color. If you saturate the color by 10%, you get **52.0375, 56.5818, 79.4139**, and if you desaturate by 10%, it is **68.7994, 72.7089, 81.6433**.

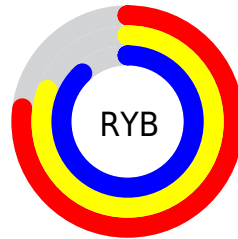
Distribution



Red (77%)

Green (83%)

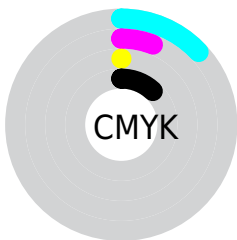
Blue (88%)



Red (77%)

Yellow (81%)

Blue (88%)

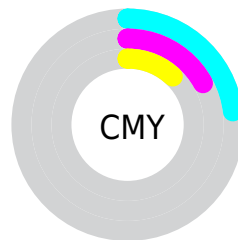


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (23%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8990, 64.2590, 80.4804 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 59.8990, 64.2590, 80.4804 by changing the saturation by 10% instead.

■ 59.8990, 64.2590,
80.4804

■ 59.8990, 64.2590,
80.4804

414.0661,
440.1243, 516.2997

■ 43.5864, 46.8605,
59.5853

103.7903,
110.9839, 135.8584

■ 30.5420, 32.9254,
42.6613

132.0997,
141.0790, 171.1784

■ 20.4004, 22.0693,
29.2900

165.1388,
176.1751, 212.1437

■ 12.7964, 13.9078,
19.0529

203.2728,
216.6566, 259.1730

■ 7.3645, 8.0566,
11.5313

246.8672,
262.9079, 312.6847

■ 3.7395, 4.1312,
6.3067

296.2873,

■ 1.5558, 1.7472,

315.3133, 373.0973

2.9607

351.8985,
374.2573, 440.8295

■ 0.3633, 0.4539,
1.0746

■ 0.0000, 0.0000,
0.0000

■ 59.8990, 64.2590,
80.4804

■ 59.8990, 64.2590,
80.4804

■ 52.0375, 56.5818,
79.4139

■ 68.7994, 72.7089,
81.6433

■ 45.1675, 49.6436,
78.4368

■ 78.7723, 81.9478,
82.9010

■ 39.2460, 43.4195,
77.5475

■ 86.6592, 90.3532,
84.1077

■ 34.2245, 37.8800,
76.7430

■ 89.7481, 96.5308,
85.1373

■ 30.0499, 32.9932,
76.0197

■ 90.5908, 98.2163,
85.4182

■ 26.6629, 28.7236,
75.3741

■ 23.9954, 25.0313,
74.8020

■ 21.9658, 21.8691,
74.2986

■ 20.8190, 19.8927,
73.9776

Harmonies

Analogous

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



58.3415, 64.2590, 77.1889



59.8990, 64.2590, 80.4804



61.8035, 64.2590, 80.8690

Triad

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



59.8990, 64.2590, 80.4804



64.7728, 64.2590, 67.9130



58.6691, 64.2590, 62.3124

Complementary

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



59.8990, 64.2590, 80.4804



63.8159, 65.5935, 61.5230

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.



60.3547, 64.2590, 60.0919



59.8990, 64.2590, 80.4804



63.8952, 64.2590, 63.2105

Square

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



59.8990, 64.2590, 80.4804



64.6446, 64.2590, 73.4157



62.2688, 64.2590, 60.4118



57.6417, 64.2590, 66.6282

Rectangle

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



59.8990, 64.2590, 80.4804



63.0168, 64.2590, 79.4070



62.2688, 64.2590, 60.4118



59.1760, 64.2590, 61.3067

Sweetspot

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



59.9009, 64.2617, 80.4818



89.9554, 95.2345, 108.2487



61.1462, 70.1693, 70.3630



19.0546, 20.1963, 23.1439



0.0000, 0.0000, 0.0000



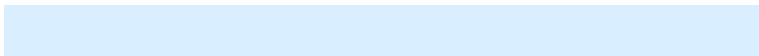
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9009, 64.2617, 80.4818



77.1241, 82.9997, 106.5634



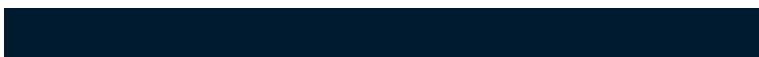
56.5354, 57.5308, 79.3600



13.5760, 14.4911, 17.4692



12.1150, 11.6996, 42.6681



0.9288, 0.9890, 2.9872

Inverse Universe

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



62.6764, 60.2421, 70.6150



81.4002, 76.9216, 91.3364



67.4217, 72.8052, 62.7249



14.0222, 13.8265, 15.8870



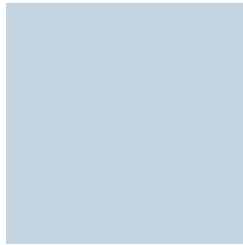
20.0553, 10.0891, 12.2229



1.4350, 0.7173, 1.0838

Previews

White Background



This preview shows how the XYZ color 59.8990, 64.2590, 80.4804 looks on a white background.

Color Contrast Check

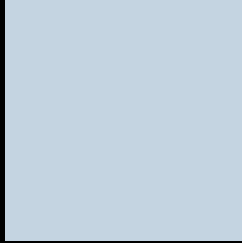
Large Text (above 18pt) WCAG AA × Fail

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 59.8990, 64.2590, 80.4804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

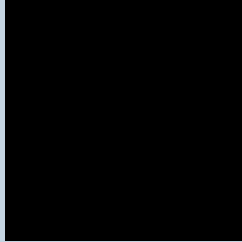
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

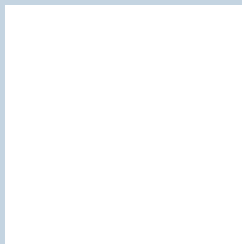
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8990, 64.2590, 80.4804

Background



This preview shows how black text looks on a background with the XYZ color 59.8990, 64.2590, 80.4804.

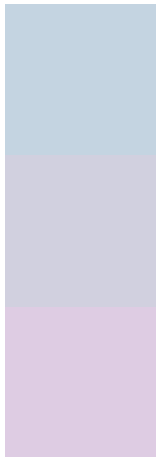


This preview shows how white text looks on a background with the XYZ color 59.8990, 64.2590,

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

59.8990, 64.2590, 80.4804

Protanopia

62.1697, 63.9948, 78.8876

Deuteranopia

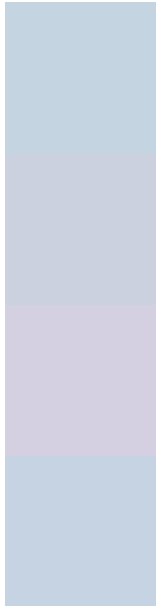
65.5822, 64.2614, 81.6202



Tritanopia

60.3238, 64.0603, 82.5843

Trichromacy



Original Color

59.8990, 64.2590, 80.4804

Protanomaly

61.1568, 63.8201, 79.6162

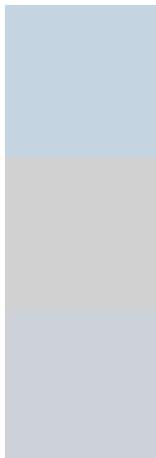
Deuteranomaly

63.4809, 64.2628, 81.0097

Tritanomaly

60.1854, 64.0049, 81.8551

Monochromacy



Original Color

59.8990, 64.2590, 80.4804

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2142, 63.8369, 73.4381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8990, 64.2590, 80.4804 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(196, 212, 225)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 225)  
}
```

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(196, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 225) }
```

Border

The CSS property to change the border of an element to XYZ 59.8990, 64.2590, 80.4804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

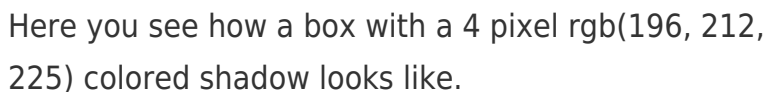
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 212, 225) }
```


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

```
.border{ border-color:rgb(196, 212, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 212, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 212, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 212, 225); box-shadow:4px 4px 4px 4px rgb(196, 212, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8990, 64.2590, 80.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 225) }
```

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

```
.background{ background-color: rgb(196,  
212, 225) }
```

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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