

Converting Colors

XYZ(61.4423, 66.9130, 80.4668)

Have a look what the booklet for
XYZ(61.4423, 66.9130, 80.4668)
contains.

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Color

**XYZ(61.2934, 66.8778,
80.1992)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D9E0
RGB	197, 217, 224
RGB Percent	77%, 85%, 88%
CMY	0.2274, 0.1490, 0.1216
CMYK	0.12, 0.03, 0.00, 0.12
HSL	196°, 30%, 83%
HSV	196°, 12%, 88%
XYZ	61.2934, 66.8778, 80.1992
YIQ	211.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

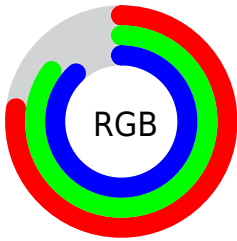
Format	Color
R_{YB}	197, 208, 224
Decimal	12966368
CIE _{Lab}	85.44, -5.27, -5.72
CIE _{LCh}	85, 7.779, 227.330
Yxy	66.8778, 0.2942, 0.3210
Android (android.graphics.Color)	4291156448 (0xFFC5D9E0)
YUV	211.8180, 6.0057, -12.9954
Hunter-Lab	81.7788, -9.3269, -0.8996

Details

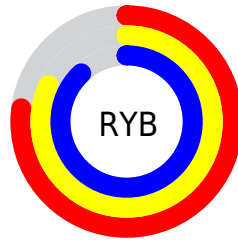
The XYZ color **61.2934, 66.8778, 80.1992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4119, 63.0642, 61.7079**, and the grayscale version is **62.4282, 65.6793, 71.5247**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.4095, 34.5449, 42.5485** is the 20% darker color. If you saturate the color by 10%, you get **54.3886, 61.1376, 79.4562**, and if you desaturate by 10%, it is **69.1262, 73.1781, 81.0035**.

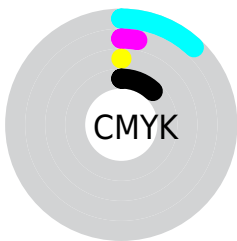
Distribution



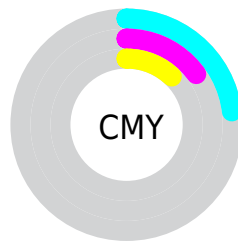
- Red (77%)
- Green (85%)
- Blue (88%)



- Red (77%)
- Yellow (82%)
- Blue (88%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2934, 66.8778, 80.1992 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 61.2934, 66.8778, 80.1992 by changing the saturation by 10% instead.

■ 61.2934, 66.8778,
80.1992

■ 61.2934, 66.8778,
80.1992

419.1077,
449.5097, 515.3284

■ 44.7154, 48.9853,
59.3552

105.7994,
114.7453, 135.4597

■ 31.4337, 34.6078,
42.4772

134.4580,
145.4891, 170.7132

■ 21.0827, 23.3609,
29.1468

167.8744,
181.2855, 211.6070

■ 13.2973, 14.8603,
18.9453

206.4137,
222.5188, 258.5595

■ 7.7120, 8.7214,
11.4544

250.4413,
269.5735, 311.9894

■ 3.9615, 4.5599,
6.2553

300.3226,

■ 1.6804, 1.9914,

322.8340, 372.3151

2.9297

356.4229,
382.6845, 439.9553

■ 0.4439, 0.6025,
1.0588

■ 0.0000, 0.0000,
0.0000

■ 61.2934, 66.8778,
80.1992

■ 61.2934, 66.8778,
80.1992

■ 54.3886, 61.1376,
79.4562

■ 69.1262, 73.1781,
81.0035

■ 48.3673, 55.9284,
78.7681

■ 77.9178, 80.0499,
81.8665

■ 43.1896, 51.2307,
78.1342

■ 84.2372, 85.7268,
82.6292

■ 38.8104, 47.0203,
77.5524

■ 85.9211, 89.0945,
83.1905

■ 35.1800, 43.2709,
77.0200

■ 87.6596, 92.5716,
83.7700

■ 32.2429, 39.9529,
76.5344

■ 89.4533, 96.1591,
84.3679

■ 29.9355, 37.0327,
76.0923

■ 90.4547, 98.1619,
84.7017

■ 28.1812, 34.4700,
75.6901

■ 27.0820, 32.6365,
75.3941

Harmonies

Analogous

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



60.3812, 66.8778, 75.7515



61.2934, 66.8778, 80.1992



62.8241, 66.8778, 82.7161

Triad

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



61.2934, 66.8778, 80.1992



66.9333, 66.8778, 74.9706



62.5601, 66.8778, 63.9312

Complementary

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



61.2934, 66.8778, 80.1992



62.4119, 63.0642, 61.7079

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.



64.3124, 66.8778, 63.7439



61.2934, 66.8778, 80.1992



66.8595, 66.8778, 69.9623

Square

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



61.2934, 66.8778, 80.1992



66.0928, 66.8778, 79.6049



65.8927, 66.8778, 65.9052



61.1032, 66.8778, 66.4293

Rectangle

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



61.2934, 66.8778, 80.1992



63.9992, 66.8778, 82.8873



65.8927, 66.8778, 65.9052



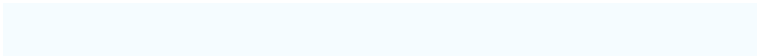
63.1335, 66.8778, 63.6001

Sweetspot

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



61.2953, 66.8806, 80.2007



90.5590, 96.4415, 108.4499



60.5520, 69.5305, 67.2003



19.2075, 20.5022, 23.1949



0.0000, 0.0000, 0.0000



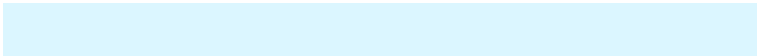
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2953, 66.8806, 80.2007



80.2330, 88.0851, 107.3811



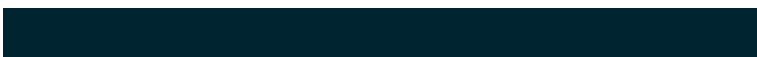
58.0153, 60.3205, 79.1073



13.8002, 14.9396, 17.5440



15.8611, 19.1917, 43.9168



1.1705, 1.4725, 3.0678

Inverse Universe

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



63.2327, 60.7911, 74.0499



83.2458, 78.7181, 97.7929



65.6970, 69.6344, 62.8029



14.1354, 13.8718, 16.4831



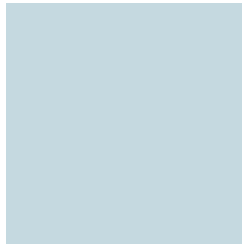
21.9461, 10.8455, 22.1799



1.5571, 0.7661, 1.7264

Previews

White Background



This preview shows how the XYZ color 61.2934, 66.8778, 80.1992 looks on a white background.

Color Contrast Check

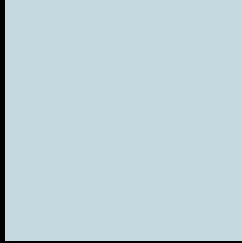
Large Text (above 18pt) WCAG AA × Fail

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 61.2934, 66.8778, 80.1992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

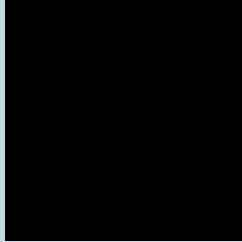
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2934, 66.8778, 80.1992

Background



This preview shows how black text looks on a background with the XYZ color 61.2934, 66.8778, 80.1992.



This preview shows how white text looks on a background with the XYZ color 61.2934, 66.8778,

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

61.2934, 66.8778, 80.1992

Protanopia

64.6190, 66.7545, 77.8857

Deuteranopia

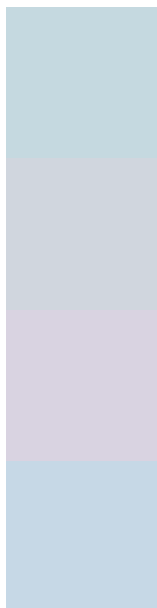
68.0352, 66.6106, 81.2228



Tritanopia

62.8170, 67.1370, 86.7387

Trichromacy



Original Color

61.2934, 66.8778, 80.1992

Protanomaly

63.2438, 66.7770, 78.6632

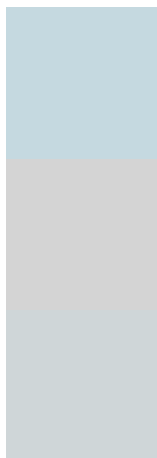
Deuteranomaly

65.5001, 66.7765, 80.6711

Tritanomaly

62.1275, 66.8307, 84.4881

Monochromacy



Original Color

61.2934, 66.8778, 80.1992

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.1734, 66.3164, 74.4892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2934, 66.8778, 80.1992 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(197, 217, 224)` looks like.

```
.text, #text, p{  
    color:rgb(197, 217, 224)  
}
```

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(197, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 217, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.2934, 66.8778, 80.1992 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(197, 217, 224) }
```


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

```
.border{ border-color:rgb(197, 217, 224) }
```

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

Here you see how a box with a 4 pixel rgb(197, 217, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(197, 217,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2934, 66.8778, 80.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 217, 224) }
```

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

```
.background{ background-color: rgb(197,  
217, 224) }
```

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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