

Converting Colors

XYZ(60.2597, 66.3450, 80.1508)

Have a look what the booklet for
XYZ(60.2597, 66.3450, 80.1508)
contains.

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Color

**XYZ(60.2597, 66.3450,
80.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D9E0
RGB	193, 217, 224
RGB Percent	76%, 85%, 88%
CMY	0.2431, 0.1490, 0.1216
CMYK	0.14, 0.03, 0.00, 0.12
HSL	194°, 33%, 82%
HSV	194°, 14%, 88%
XYZ	60.2597, 66.3450, 80.1508
YIQ	210.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

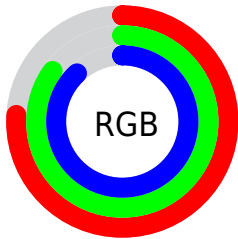
Format	Color
R _Y B	193, 207, 224
Decimal	12704224
CIE Lab	85.17, -6.55, -6.15
CIE LCh	85, 8.985, 223.190
Yxy	66.3450, 0.2915, 0.3209
Android (android.graphics.Color)	4290894304 (0xFFC1D9E0)
YUV	210.6220, 6.5954, -15.4545
Hunter-Lab	81.4524, -10.4849, -1.3258

Details

The XYZ color **60.2597, 66.3450, 80.1508** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0207, 61.0058, 59.0124**, and the grayscale version is **61.6349, 64.8447, 70.6158**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **30.7292, 34.1942, 42.5167** is the 20% darker color. If you saturate the color by 10%, you get **53.6934, 61.0566, 79.4772**, and if you desaturate by 10%, it is **67.7347, 72.1646, 80.8812**.

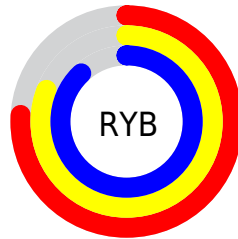
Distribution



Red (76%)

Green (85%)

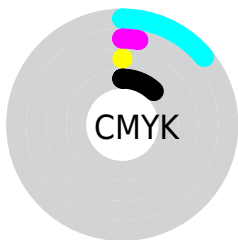
Blue (88%)



Red (76%)

Yellow (81%)

Blue (88%)

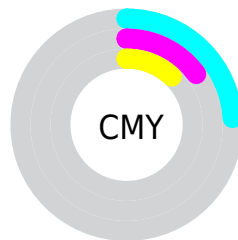


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (12%)



Cyan (24%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2597, 66.3450, 80.1508 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 60.2597, 66.3450, 80.1508 by changing the saturation by 10% instead.

60.2597, 66.3450,
80.1508

60.2597, 66.3450,
80.1508

415.3738,
447.6097, 515.1611

43.8783, 48.5525,
59.3156

104.3105,
113.9814, 135.3910

30.7723, 34.2646,
42.4455

132.7106,
144.5940, 170.6331

20.5765, 23.0970,
29.1221

165.8476,
180.2489, 211.5146

12.9255, 14.6651,
18.9269

204.0868,
221.3303, 258.4539

7.4539, 8.5847,
11.4412

247.7937,
268.2227, 311.8697

3.7964, 4.4713,
6.2465

297.3336,

1.5876, 1.9405,

321.3105, 372.1804

2.9243

353.0718,
380.9780, 439.8047

■ 0.3843, 0.5726,
1.0561

■ 0.0000, 0.0000,
0.0000

■ 60.2597, 66.3450,
80.1508

■ 60.2597, 66.3450,
80.1508

■ 53.6934, 61.0566,
79.4772

■ 67.7347, 72.1646,
80.8812

■ 47.9909, 56.2705,
78.8539


■ 76.1492, 78.5266,
81.6657

■ 43.1121, 51.9672,
78.2804


■ 83.5998, 84.4521,
82.4167


■ 39.0111, 48.1226,
77.7545


■ 85.0449, 87.3423,
82.8984


 35.6377, 44.7102,
77.2736


 86.5314, 90.3152,
83.3939


 32.9352, 41.7003,
76.8351


 88.0594, 93.3712,
83.9032

 30.8384, 39.0587,
76.4357

 89.6294, 96.5112,
84.4266

 29.2678, 36.7438,
76.0717

 90.4547, 98.1619,
84.7017

 28.4835, 35.4394,
75.8613

Harmonies

Analogous

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



59.3397, 66.3450, 74.8156



60.2597, 66.3450, 80.1508



61.9385, 66.3450, 83.4595

Triad

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



60.2597, 66.3450, 80.1508



66.8641, 66.3450, 75.5149



62.1737, 66.3450, 61.9063

Complementary

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



60.2597, 66.3450, 80.1508



61.0207, 61.0058, 59.0124

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.



64.1928, 66.3450, 62.0711



60.2597, 66.3450, 80.1508



66.9304, 66.3450, 69.7211

Square

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



60.2597, 66.3450, 80.1508



65.7644, 66.3450, 80.6863



65.9435, 66.3450, 64.8647



60.4287, 66.3450, 64.4018

Rectangle

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



60.2597, 66.3450, 80.1508



63.2761, 66.3450, 83.9666



65.9435, 66.3450, 64.8647



62.8423, 66.3450, 61.6566

Sweetspot

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



60.2616, 66.3478, 80.1523



90.6664, 96.6564, 108.4857



59.0413, 68.8068, 64.6405



19.2348, 20.5567, 23.2040



0.0000, 0.0000, 0.0000



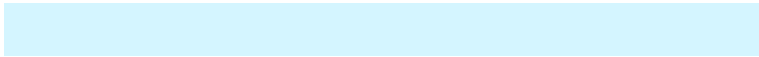
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2616, 66.3478, 80.1523



77.8183, 86.6005, 107.2219



56.5177, 58.8599, 78.9043



13.8405, 15.0201, 17.5574



16.6692, 20.8079, 44.1861



1.2205, 1.5725, 3.0844

Inverse Universe

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



62.3363, 58.9983, 73.7512



81.2105, 74.7779, 96.7123



64.7228, 68.4100, 60.2464



14.1557, 13.8799, 16.5901



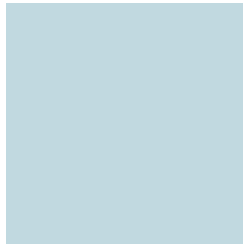
22.3540, 11.0086, 24.3278



1.5823, 0.7762, 1.8594

Previews

White Background



This preview shows how the XYZ color 60.2597, 66.3450, 80.1508 looks on a white background.

Color Contrast Check

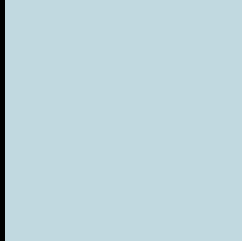
Large Text (above 18pt) WCAG AA × Fail

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 60.2597, 66.3450, 80.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

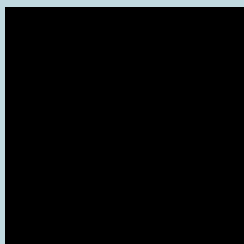
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

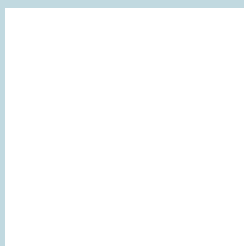
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2597, 66.3450, 80.1508

Background



This preview shows how black text looks on a background with the XYZ color 60.2597, 66.3450, 80.1508.



This preview shows how white text looks on a background with the XYZ color 60.2597, 66.3450,

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

60.2597, 66.3450, 80.1508

Protanopia

64.0770, 66.1051, 77.7890

Deuteranopia

67.4773, 65.9645, 81.1275



Tritanopia

61.7695, 66.5970, 86.6897

Trichromacy



Original Color

60.2597, 66.3450, 80.1508

Protanomaly

62.4327, 65.9842, 78.5529

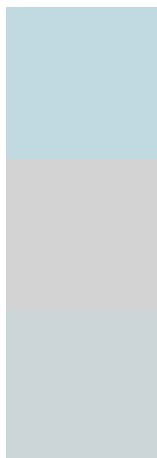
Deuteranomaly

64.6615, 65.9765, 80.5609

Tritanomaly

61.0869, 66.2942, 84.4394

Monochromacy



Original Color

60.2597, 66.3450, 80.1508

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0908, 65.3837, 74.3662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2597, 66.3450, 80.1508 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(193, 217, 224)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 217, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.2597, 66.3450, 80.1508 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(193, 217, 224) }
```


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

```
.border{ border-color:rgb(193, 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(193, 217, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(193, 217,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2597, 66.3450, 80.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 217, 224) }
```

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

```
.background{ background-color: rgb(193,  
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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