

Converting Colors

XYZ(60.7888, 66.4726, 83.3180)

Have a look what the booklet for
XYZ(60.7888, 66.4726, 83.3180)
contains.

XYZ(60.8088, 66.5646, 83.0421)	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(60.8088, 66.5646,
83.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D9E4
RGB	193, 217, 228
RGB Percent	76%, 85%, 89%
CMY	0.2431, 0.1490, 0.1059
CMYK	0.15, 0.05, 0.00, 0.11
HSL	199°, 39%, 83%
HSV	199°, 15%, 89%
XYZ	60.8088, 66.5646, 83.0421
YIQ	211.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

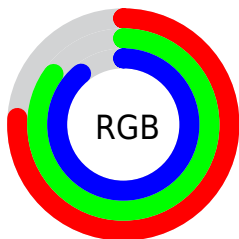
Format	Color
R _Y B	193, 207, 228
Decimal	12704228
CIE Lab	85.28, -5.73, -8.10
CIE LCh	85, 9.925, 234.731
Yxy	66.5646, 0.2890, 0.3163
Android (android.graphics.Color)	4290894308 (0xFFC1D9E4)
YUV	211.0780, 8.3425, -15.8544
Hunter-Lab	81.5871, -9.7372, -3.2363

Details

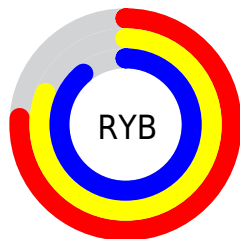
The XYZ color **60.8088, 66.5646, 83.0421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2140, 63.5300, 59.3842**, and the grayscale version is **61.9251, 65.1500, 70.9483**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.1106, 34.3468, 44.5250** is the 20% darker color. If you saturate the color by 10%, you get **53.6324, 60.1847, 82.1899**, and if you desaturate by 10%, it is **68.9654, 73.5723, 83.9659**.

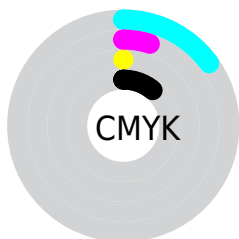
Distribution



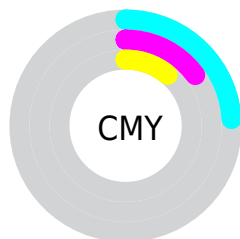
- Red (76%)
- Green (85%)
- Blue (89%)



- Red (76%)
- Yellow (81%)
- Blue (89%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8088, 66.5646, 83.0421 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 60.8088, 66.5646, 83.0421 by changing the saturation by 10% instead.

■ 60.8088, 66.5646,
83.0421

■ 60.8088, 66.5646,
83.0421

417.3597,
448.3934, 525.1015

■ 44.3228, 48.7309,
61.6841

■ 105.1017,
114.2963, 139.4842

■ 31.1234, 34.4060,
44.3433

133.6394,
144.9631, 175.4053

■ 20.8451, 23.2057,
30.6013

166.9250,
180.6763, 217.0179

■ 13.1226, 14.7455,
20.0396

205.3239,
221.8204, 264.7405

■ 7.5906, 8.6409,
12.2394

249.2015,
268.7798, 318.9916

■ 3.8837, 4.5077,
6.7824

298.9231,

■ 1.6366, 1.9614,

321.9388, 380.1898

3.2500

354.8540,
381.6819, 448.7536

■ 0.4161, 0.5849,
1.2237

■ 0.0000, 0.0000,
0.0000

■ 60.8088, 66.5646,
83.0421

■ 60.8088, 66.5646,
83.0421

■ 53.6324, 60.1847,
82.1899

■ 68.9654, 73.5723,
83.9659

■ 47.3883, 54.4011,
81.4027

■ 78.1354, 81.2213,
84.9590

■ 42.0334, 49.1920,
80.6795

■ 85.9631, 88.3000,
85.9127

■ 37.5187, 44.5304,
80.0177

■ 88.0963, 92.5666,
86.6238

■ 33.7899, 40.3869,
79.4144

■ 90.3136, 97.0011,
87.3629

■ 30.7861, 36.7283,
78.8666

■ 91.0038, 98.3815,
87.5930

■ 28.4365, 33.5166,
78.3705

■ 26.6543, 30.7053,
77.9218

■ 25.9531, 29.5002,
77.7261

Harmonies

Analogous

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



59.4290, 66.5646, 77.7713



60.8088, 66.5646, 83.0421



62.8723, 66.5646, 85.4921

Triad

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



60.8088, 66.5646, 83.0421



67.6622, 66.5646, 73.6182



61.4796, 66.5646, 61.8231

Complementary

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



60.8088, 66.5646, 83.0421



63.2140, 63.5300, 59.3842

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.



63.6647, 66.5646, 60.8557



60.8088, 66.5646, 83.0421



67.2682, 66.5646, 67.4296

Square

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



60.8088, 66.5646, 83.0421



66.8563, 66.5646, 79.8495



65.7919, 66.5646, 62.8493



59.8098, 66.5646, 65.5739

Rectangle

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



60.8088, 66.5646, 83.0421



64.3712, 66.5646, 85.0976



65.7919, 66.5646, 62.8493



62.1768, 66.5646, 61.1713

Sweetspot

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



60.8108, 66.5674, 83.0436



89.2491, 95.1321, 108.2661



60.5762, 71.1612, 67.3569



18.9342, 20.2194, 23.1547



0.0000, 0.0000, 0.0000



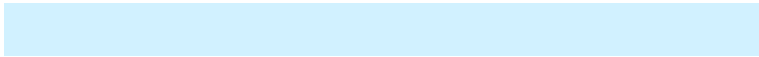
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8108, 66.5674, 83.0436



75.7033, 83.4509, 106.7254



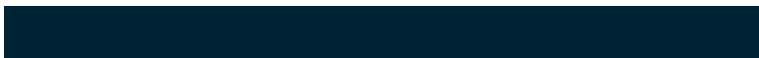
56.6515, 58.2489, 81.6572



14.4055, 15.5323, 18.3831



15.0967, 17.2555, 44.9181



1.1979, 1.4396, 3.3467

Inverse Universe

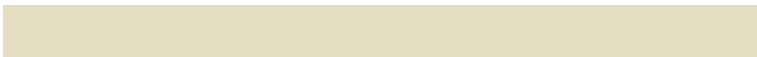
The Inverse Universe completely reimagines the original color for something new.



63.5909, 59.6452, 73.8098



79.8792, 73.2357, 92.8148



67.4782, 72.0584, 60.8056



14.7923, 14.5341, 17.1064



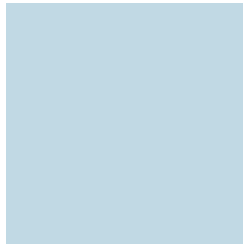
22.0136, 10.9397, 19.4986



1.6683, 0.8250, 1.6595

Previews

White Background



This preview shows how the XYZ color 60.8088, 66.5646, 83.0421 looks on a white background.

Color Contrast Check

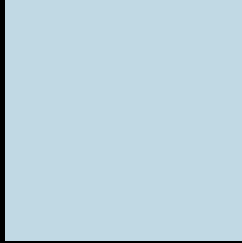
Large Text (above 18pt) WCAG AA × Fail

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 60.8088, 66.5646, 83.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

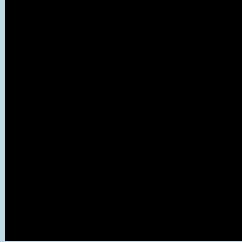
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8088, 66.5646, 83.0421

Background



This preview shows how black text looks on a background with the XYZ color 60.8088, 66.5646, 83.0421.



This preview shows how white text looks on a background with the XYZ color 60.8088, 66.5646,

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

60.8088, 66.5646, 83.0421

Protanopia

64.3254, 66.1709, 80.6161

Deuteranopia

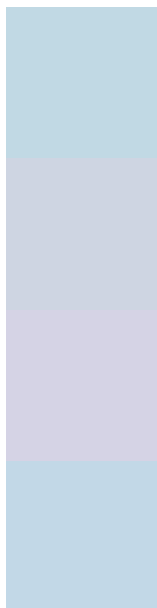
67.6471, 66.3464, 84.1037



Tritanopia

61.5120, 66.4643, 86.6777

Trichromacy



Original Color

60.8088, 66.5646, 83.0421

Protanomaly

62.9753, 66.2013, 81.4105

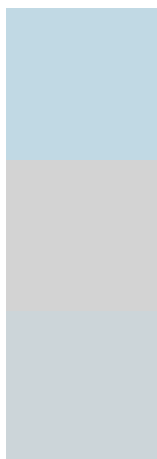
Deuteranomaly

64.8777, 66.3918, 83.5242

Tritanomaly

61.2278, 66.3506, 85.1812

Monochromacy



Original Color

60.8088, 66.5646, 83.0421

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.2205, 65.4356, 75.0493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8088, 66.5646, 83.0421 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(193, 217, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 217, 228) }
```

Border

The CSS property to change the border of an element to XYZ 60.8088, 66.5646, 83.0421 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, 228) }
```


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

```
.border{ border-color:rgb(193, 217, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 217, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 217, 228); box-shadow:4px 4px 4px 4px rgb(193, 217, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8088, 66.5646, 83.0421 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, 228) }
```

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

```
.background{ background-color: rgb(193,  
217, 228) }
```

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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