

Converting Colors

XYZ(60.3484, 70.0223, 68.8039)

Have a look what the booklet for
XYZ(60.3484, 70.0223, 68.8039)
contains.

XYZ(60.3293, 70.1864, 68.7602)	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(60.3293, 70.1864,
68.7602)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E2CE
RGB	193, 226, 206
RGB Percent	76%, 89%, 81%
CMY	0.2431, 0.1137, 0.1921
CMYK	0.15, 0.00, 0.09, 0.11
HSL	144°, 36%, 82%
HSV	144°, 15%, 89%
XYZ	60.3293, 70.1864, 68.7602
YIQ	213.8530, -13.2480, -13.2160

Conversions

Conversions Part 2

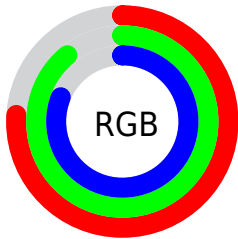
Format	Color
RYB	193, 217, 226
Decimal	12706510
CIELab	87.09, -14.64, 6.15
CIELCh	87, 15.883, 157.222
Yxy	70.1864, 0.3027, 0.3522
Android (android.graphics.Color)	4290896590 (0xFFC1E2CE)
YUV	213.8530, -3.8715, -18.2881
Hunter-Lab	83.7773, -18.0698, 9.9819

Details

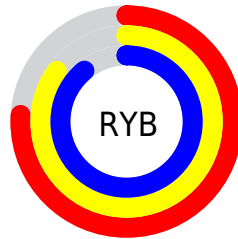
The XYZ color **60.3293, 70.1864, 68.7602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.4468, 59.1146, 71.0730**, and the grayscale version is **63.8509, 67.1761, 73.1548**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **30.8779, 36.8818, 35.1972** is the 20% darker color. If you saturate the color by 10%, you get **53.4103, 66.8054, 60.1255**, and if you desaturate by 10%, it is **68.2778, 74.0852, 78.2032**.

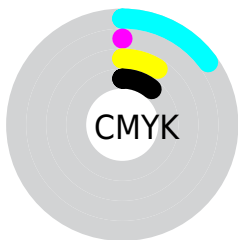
Distribution



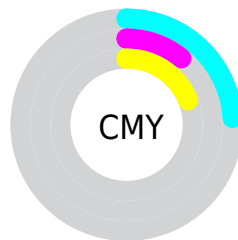
- Red (76%)
- Green (89%)
- Blue (81%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)





- Cyan (24%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3293, 70.1864, 68.7602 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 60.3293, 70.1864, 68.7602 by changing the saturation by 10% instead.


 60.3293, 70.1864,
68.7602

 60.3293, 70.1864,
68.7602


415.6258,
461.2042, 474.8558

 43.9346, 51.6785,
50.0459


 104.4108,
119.4745, 119.1035

 30.8168, 36.7489,
35.0784


132.8284,
151.0236, 151.5695

 20.6105, 25.0131,
23.4393


165.9842,
187.6884, 189.4566

 12.9504, 16.0868,
14.7098

204.2438,
229.8536, 233.1832

 7.4712, 9.5856,
8.4717

247.9724,
277.9033, 283.1679

 3.8074, 5.1251,
4.3061


297.5353,


 1.5938, 2.3208,


332.2221, 339.8292


1.7947


353.2980,
393.1942, 403.5856


 0.3883, 0.7847,
0.4245


 0.0000, 0.0000,
0.0000


 60.3293, 70.1864,
68.7602


 60.3293, 70.1864,
68.7602


 53.4103, 66.8054,
60.1255


 68.2778, 74.0852,
78.2032

 47.4713, 63.9114,
52.2731

 77.2906, 78.5136,
88.4702

 42.4675, 61.4837,
45.1824

 85.2410, 82.3767,
99.4811

 38.3483, 59.4965,
38.8302

 86.4877, 82.8754,
106.0459

■ 35.0580, 57.9216,
33.1919

■ 32.5341, 56.7275,
28.2416

■ 30.7047, 55.8775,
23.9518

■ 29.4826, 55.3272,
20.2925

■ 29.0018, 55.1170,
18.5665

Harmonies

Analogous

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



62.4757, 70.1864, 61.2401



60.3293, 70.1864, 68.7602



59.8618, 70.1864, 79.0255

Triad

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



60.3293, 70.1864, 68.7602



67.6134, 70.1864, 98.6013



72.5702, 70.1864, 64.6859

Complementary

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



60.3293, 70.1864, 68.7602



62.4468, 59.1146, 71.0730

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.



74.0616, 70.1864, 73.8744



60.3293, 70.1864, 68.7602



71.1316, 70.1864, 93.9238

Square

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



60.3293, 70.1864, 68.7602



63.9785, 70.1864, 96.9100



73.5256, 70.1864, 84.6308



69.5182, 70.1864, 59.0449

Rectangle

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



60.3293, 70.1864, 68.7602



60.5488, 70.1864, 86.1811



73.5256, 70.1864, 84.6308



73.2758, 70.1864, 67.4272

Sweetspot

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



60.3312, 70.1894, 68.7618



90.4169, 97.7247, 103.5709



64.3668, 72.4448, 61.0439



19.1719, 20.8283, 21.9581



0.0000, 0.0000, 0.0000



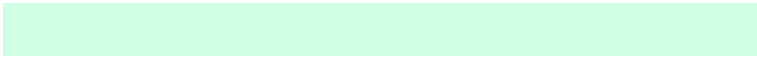
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3312, 70.1894, 68.7618



75.9728, 90.6459, 86.2957



62.3960, 71.0153, 79.6346



13.7512, 15.4262, 15.7253



16.5993, 31.4646, 10.8787



1.1937, 2.1982, 0.9813

Inverse Universe

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



62.4468, 59.1146, 71.0730



79.3394, 73.0198, 89.9720



60.4970, 58.3347, 60.8057



14.0544, 13.8394, 16.0567



20.5283, 10.2783, 14.7136



1.4666, 0.7299, 1.2498

Previews

White Background



This preview shows how the XYZ color 60.3293, 70.1864, 68.7602 looks on a white background.

Color Contrast Check

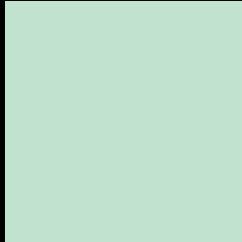
Large Text (above 18pt) WCAG AA × Fail

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 60.3293, 70.1864, 68.7602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

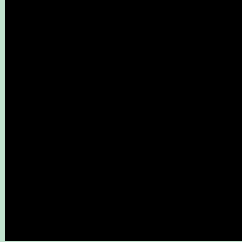
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

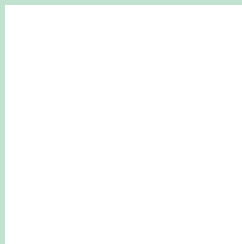
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3293, 70.1864, 68.7602

Background



This preview shows how black text looks on a background with the XYZ color 60.3293, 70.1864, 68.7602.



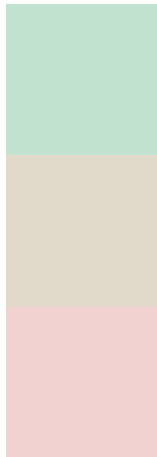
This preview shows how white text looks on a background with the XYZ color 60.3293, 70.1864,

68.7602.

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

60.3293, 70.1864, 68.7602

Protanopia

66.4068, 69.8503, 65.2408

Deuteranopia

71.1732, 69.5739, 69.9995



Tritanopia

64.9896, 70.0870, 91.7642

Trichromacy



Original Color

60.3293, 70.1864, 68.7602

Protanomaly

63.8133, 69.6443, 66.5793

Deuteranomaly

66.6815, 69.5131, 69.5774

Tritanomaly

63.2788, 70.1917, 82.8863

Monochromacy



Original Color

60.3293, 70.1864, 68.7602

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2829, 67.9678, 71.4644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3293, 70.1864, 68.7602 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, 226, 206)` looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 206)  
}
```

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, 226, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.3293, 70.1864, 68.7602 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, 226, 206) }
```


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

```
.border{ border-color:rgb(193, 226, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 226, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 226, 206);  
box-shadow:4px 4px 4px 4px rgb(193, 226,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3293, 70.1864, 68.7602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 206) }
```

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

```
.background{ background-color: rgb(193,  
226, 206) }
```

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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