

Converting Colors

XYZ(60.0493, 70.0064, 84.2978)

Have a look what the booklet for
XYZ(60.0493, 70.0064, 84.2978)
contains.

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Color

**XYZ(60.2023, 70.1790,
84.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E3E5
RGB	179, 227, 229
RGB Percent	70%, 89%, 90%
CMY	0.2980, 0.1098, 0.1020
CMYK	0.22, 0.01, 0.00, 0.10
HSL	182°, 49%, 80%
HSV	182°, 22%, 90%
XYZ	60.2023, 70.1790, 84.5016
YIQ	212.8760, -29.2500, -9.5540

Conversions

Conversions Part 2

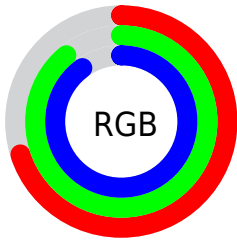
Format	Color
RYB	179, 203, 229
Decimal	11789285
CIELab	87.08, -14.93, -6.06
CIELCh	87, 16.114, 202.098
Yxy	70.1790, 0.2802, 0.3266
Android (android.graphics.Color)	4289979365 (0xFFB3E3E5)
YUV	212.8760, 7.9491, -29.7093
Hunter-Lab	83.7729, -18.3259, -1.1647

Details

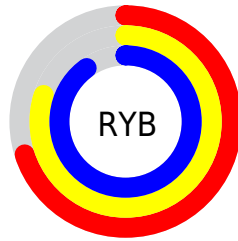
The XYZ color **60.2023, 70.1790, 84.5016** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9742, 52.9605, 49.8686**, and the grayscale version is **63.1272, 66.4147, 72.3256**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **30.8500, 36.9210, 45.5449** is the 20% darker color. If you saturate the color by 10%, you get **55.0940, 67.1770, 84.1925**, and if you desaturate by 10%, it is **66.1950, 73.6425, 84.8554**.

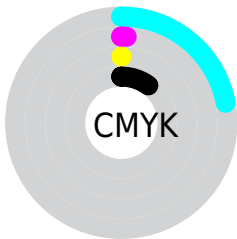
Distribution



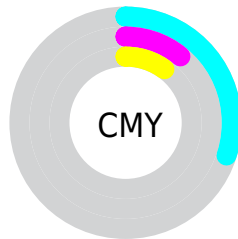
- Red (70%)
- Green (89%)
- Blue (90%)



- Red (70%)
- Yellow (80%)
- Blue (90%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2023, 70.1790, 84.5016 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 60.2023, 70.1790, 84.5016 by changing the saturation by 10% instead.

60.2023, 70.1790,
84.5016

60.2023, 70.1790,
84.5016

415.1658,
461.1783, 530.0790

43.8318, 51.6725,
62.8819

104.2277,
119.4640, 141.5446

30.7356, 36.7441,
45.3053

132.6134,
151.0112, 177.8049

20.5485, 25.0094,
31.3532

165.7348,
187.6742, 219.7826

12.9049, 16.0841,
20.6073

203.9574,
229.8372, 267.8960

7.4397, 9.5837,
12.6488

247.6464,
277.8848, 322.5639

3.7873, 5.1238,
7.0593

297.1672,

1.5825, 2.3201,

332.2012, 384.2046

3.4202

352.8853,
393.1709, 453.2368

■ 0.3810, 0.7843,
1.3130

■ 0.0000, 0.0000,
0.0724

■ 60.2023, 70.1790,
84.5016

■ 60.2023, 70.1790,
84.5016

■ 55.0940, 67.1770,
84.1925

■ 66.1950, 73.6425,
84.8554

■ 50.8205, 64.6055,
83.9214

■ 73.1063, 77.5798,
85.2511

■ 47.3369, 62.4431,
83.6877

■ 80.9760, 82.0131,
85.6921

■ 44.5914, 60.6633,
83.4888

■ 83.8648, 83.8806,
85.9003

42.5262, 59.2361,
83.3222

84.1210, 84.3930,
85.9857

41.0748, 58.1273,
83.1847

84.3785, 84.9080,
86.0715

40.1573, 57.2957,
83.0725

84.6373, 85.4258,
86.1578

39.6983, 56.7676,
82.9948

84.8975, 85.9462,
86.2445

85.1591, 86.4693,
86.3317

Harmonies

Analogous

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



59.7698, 70.1790, 73.5911



60.2023, 70.1790, 84.5016



62.3434, 70.1790, 94.0143

Triad

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



60.2023, 70.1790, 84.5016



72.5949, 70.1790, 89.9054



67.7057, 70.1790, 57.6196

Complementary

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



60.2023, 70.1790, 84.5016



56.9742, 52.9605, 49.8686

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.



71.2613, 70.1790, 61.1582



60.2023, 70.1790, 84.5016



74.1527, 70.1790, 79.3061

Square

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



60.2023, 70.1790, 84.5016



69.4706, 70.1790, 97.3335



73.6557, 70.1790, 68.8578



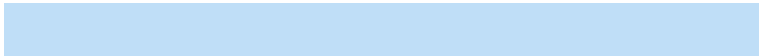
64.0100, 70.1790, 58.7280

Rectangle

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



60.2023, 70.1790, 84.5016



64.4970, 70.1790, 97.9464



73.6557, 70.1790, 68.8578



68.9588, 70.1790, 58.2923

Sweetspot

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



60.2043, 70.1819, 84.5032



88.5581, 96.3163, 108.5311



54.9172, 68.9461, 53.9517



18.8413, 20.5508, 23.2236



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.



60.2043, 70.1819, 84.5032



73.8830, 87.8426, 107.6690



53.9333, 57.6398, 82.4128



14.7555, 16.2324, 18.4998



22.7192, 32.5005, 47.4590



1.6943, 2.4326, 3.5122

Inverse Universe

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



62.2999, 54.4457, 79.9018



76.9997, 64.5769, 100.7944



62.4421, 63.8962, 51.6912



14.9689, 14.6048, 18.0368



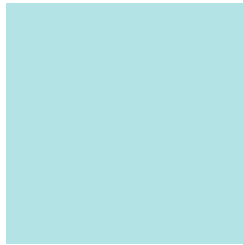
25.8611, 12.4787, 39.7592



1.9188, 0.9252, 2.9791

Previews

White Background



This preview shows how the XYZ color 60.2023, 70.1790, 84.5016 looks on a white background.

Color Contrast Check

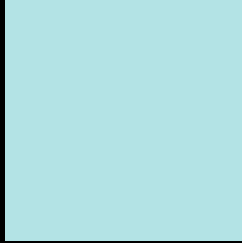
Large Text (above 18pt) WCAG AA × Fail

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 60.2023, 70.1790, 84.5016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

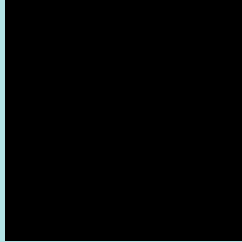
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2023, 70.1790, 84.5016

Background



This preview shows how black text looks on a background with the XYZ color 60.2023, 70.1790, 84.5016.

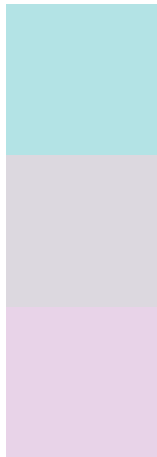


This preview shows how white text looks on a background with the XYZ color 60.2023, 70.1790,

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

60.2023, 70.1790, 84.5016

Protanopia

67.3903, 69.6551, 79.7050

Deuteranopia

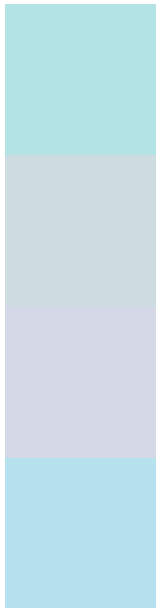
71.1385, 69.5705, 86.0230



Tritanopia

62.3943, 70.2666, 95.0683

Trichromacy



Original Color

60.2023, 70.1790, 84.5016

Protanomaly

64.3606, 69.6018, 81.2765

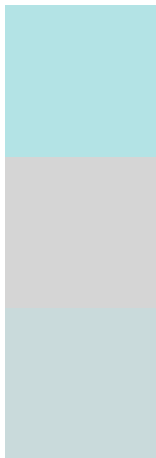
Deuteranomaly

66.6772, 69.5414, 85.5099

Tritanomaly

61.6850, 70.3895, 91.2243

Monochromacy



Original Color

60.2023, 70.1790, 84.5016

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.9450, 67.6748, 76.8155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2023, 70.1790, 84.5016 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(179, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(179, 227, 229)  
}
```

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(179, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.2023, 70.1790, 84.5016 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(179, 227, 229) }
```


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

```
.border{ border-color:rgb(179, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(179, 227,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2023, 70.1790, 84.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 227, 229) }
```

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

```
.background{ background-color: rgb(179,  
227, 229) }
```

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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