

Converting Colors

XYZ(60.7730, 70.2896, 88.6588)

Have a look what the booklet for
XYZ(60.7730, 70.2896, 88.6588)
contains.

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Color

**XYZ(60.8246, 70.4013,
88.9803)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E3EB
RGB	178, 227, 235
RGB Percent	70%, 89%, 92%
CMY	0.3019, 0.1098, 0.0784
CMYK	0.24, 0.03, 0.00, 0.08
HSL	188°, 59%, 81%
HSV	188°, 24%, 92%
XYZ	60.8246, 70.4013, 88.9803
YIQ	213.2610, -31.7720, -7.9000

Conversions

Conversions Part 2

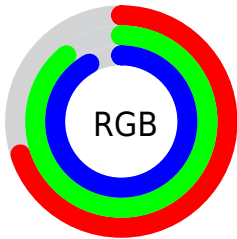
Format	Color
R _Y B	178, 204, 235
Decimal	11723755
CIE Lab	87.19, -13.92, -9.07
CIE LCh	87, 16.616, 213.067
Yxy	70.4013, 0.2762, 0.3197
Android (android.graphics.Color)	4289913835 (0xFFB2E3EB)
YUV	213.2610, 10.7173, -30.9239
Hunter-Lab	83.9055, -17.4367, -4.1422

Details

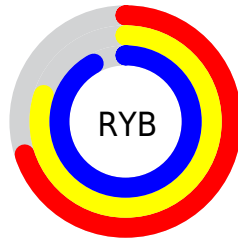
The XYZ color **60.8246, 70.4013, 88.9803** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.8566, 55.9947, 49.7743**, and the grayscale version is **63.3679, 66.6680, 72.6014**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **31.2014, 37.0448, 48.1537** is the 20% darker color. If you saturate the color by 10%, you get **54.9950, 66.0718, 88.4530**, and if you desaturate by 10%, it is **67.5993, 75.2472, 89.5598**.

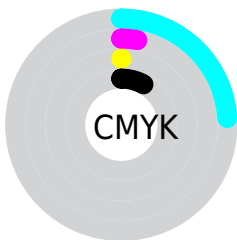
Distribution



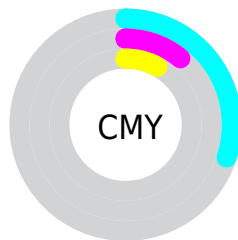
- Red (70%)
- Green (89%)
- Blue (92%)



- Red (70%)
- Yellow (80%)
- Blue (92%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (30%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8246, 70.4013, 88.9803 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 60.8246, 70.4013, 88.9803 by changing the saturation by 10% instead.

60.8246, 70.4013,
88.9803

60.8246, 70.4013,
88.9803

417.4168,
461.9578, 545.1925

44.3356, 51.8538,
66.5663

105.1245,
119.7809, 147.8443

31.1335, 36.8885,
48.2729

133.6661,
151.3817, 185.1313

20.8528, 25.1212,
33.6815

166.9560,
188.1024, 228.2131

13.1283, 16.1674,
22.3736

205.3595,
230.3273, 277.5083

7.5946, 9.6427,
13.9308

249.2420,
278.4409, 333.4352

3.8863, 5.1627,
7.9343

298.9688,

1.6380, 2.3430,

332.8276, 396.4125

3.9658

354.9053,
393.8718, 466.8588

■ 0.4170, 0.7963,
1.6066

■ 0.0000, 0.0000,
0.2955

■ 60.8246, 70.4013,
88.9803

■ 60.8246, 70.4013,
88.9803

■ 54.9950, 66.0718,
88.4530

■ 67.5993, 75.2472,
89.5598

■ 50.0571, 62.2257,
87.9709

■ 75.3567, 80.6237,
90.1887

■ 45.9616, 58.8392,
87.5331

■ 84.1398, 86.5550,
90.8706

■ 42.6519, 55.8831,
87.1370

■ 87.4526, 89.6922,
91.3015

■ 40.0644, 53.3243,
86.7794

■ 88.4331, 91.6533,
91.6284

■ 38.1251, 51.1246,
86.4571

■ 89.4314, 93.6499,
91.9611

■ 36.7439, 49.2374,
86.1656

■ 90.4475, 95.6821,
92.2998

■ 36.1232, 48.2533,
86.0084

■ 91.4816, 97.7501,
92.6445

■ 91.9956, 98.7782,
92.8159

Harmonies

Analogous

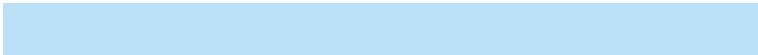
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.7019, 70.4013, 77.8099



60.8246, 70.4013, 88.9803



63.5748, 70.4013, 97.4406

Triad

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



60.8246, 70.4013, 88.9803



73.8251, 70.4013, 86.8001



66.5139, 70.4013, 57.1470

Complementary

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



60.8246, 70.4013, 88.9803



59.8566, 55.9947, 49.7743

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.



70.3688, 70.4013, 59.0579



60.8246, 70.4013, 88.9803



74.6854, 70.4013, 75.5117

Square

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



60.8246, 70.4013, 88.9803



71.0899, 70.4013, 96.0985



73.3975, 70.4013, 65.5240



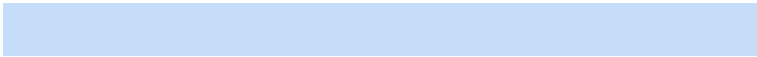
62.9056, 70.4013, 60.0288

Rectangle

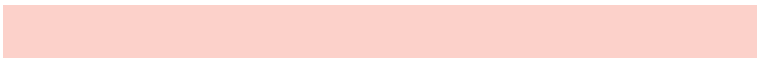
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8246, 70.4013, 88.9803



66.0132, 70.4013, 100.0121



73.3975, 70.4013, 65.5240



67.8236, 70.4013, 57.2509

Sweetspot

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



60.8267, 70.4042, 88.9819



87.9914, 95.1828, 108.3422



56.8903, 72.4112, 57.2116



18.7096, 20.2874, 23.1797



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.



60.8267, 70.4042, 88.9819



69.6567, 82.1276, 106.7887



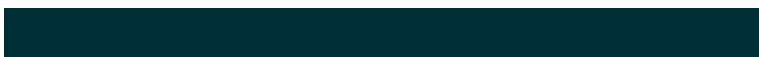
53.7574, 56.2655, 86.6255



15.3270, 16.7405, 19.3457



20.1751, 26.9972, 47.8906



1.6338, 2.2190, 3.7771

Inverse Universe

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



64.0482, 55.0507, 79.9264



74.1982, 60.8977, 93.9297



66.3700, 69.0217, 51.9455



15.6186, 15.2753, 18.5430



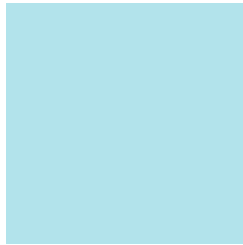
25.0388, 12.2182, 32.3350



1.9911, 0.9694, 2.6707

Previews

White Background



This preview shows how the XYZ color 60.8246, 70.4013, 88.9803 looks on a white background.

Color Contrast Check

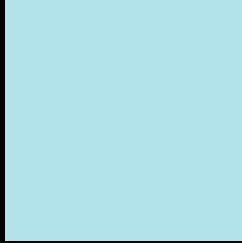
Large Text (above 18pt) WCAG AA × Fail

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 60.8246, 70.4013, 88.9803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

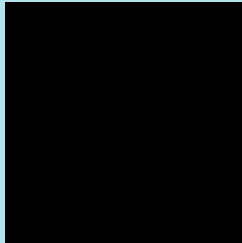
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8246, 70.4013, 88.9803

Background



This preview shows how black text looks on a background with the XYZ color 60.8246, 70.4013, 88.9803.

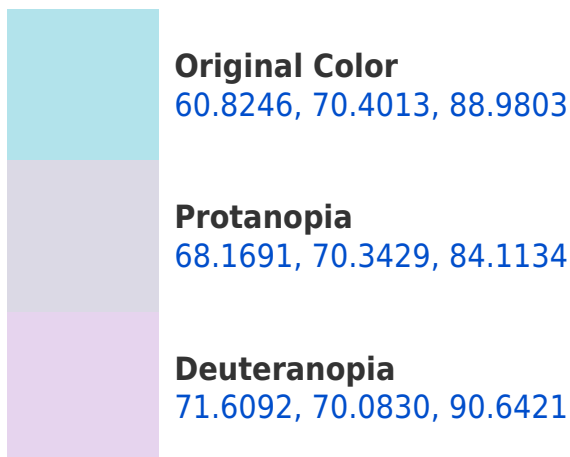


This preview shows how white text looks on a background with the XYZ color 60.8246, 70.4013,

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

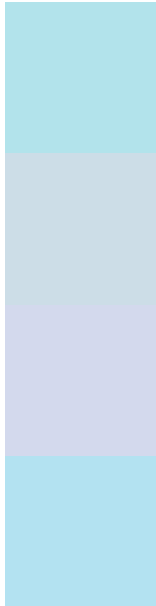




Tritanopia

62.3479, 70.6277, 95.9344

Trichromacy



Original Color

60.8246, 70.4013, 88.9803

Protanomaly

65.1821, 70.3198, 85.7389

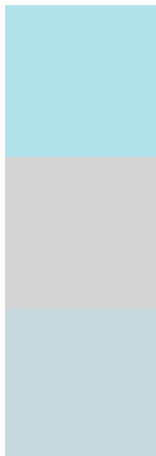
Deuteranomaly

66.9629, 69.5890, 90.0235

Tritanomaly

61.6639, 70.3273, 93.5436

Monochromacy



Original Color

60.8246, 70.4013, 88.9803

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.9420, 67.6426, 78.1983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8246, 70.4013, 88.9803 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(178, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(178, 227, 235)  
}
```

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(178, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 60.8246, 70.4013, 88.9803 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(178, 227, 235) }
```


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

```
.border{ border-color:rgb(178, 227, 235) }
```

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

Here you see how a box with a 4 pixel rgb(178, 227, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(178, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8246, 70.4013, 88.9803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 227, 235) }
```

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

```
.background{ background-color: rgb(178,  
227, 235) }
```

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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