

Converting Colors

XYZ(61.2293, 69.8080, 86.5938)

Have a look what the booklet for
XYZ(61.2293, 69.8080, 86.5938)
contains.

XYZ(61.2579, 69.8670, 86.6010)	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(61.2579, 69.8670,
86.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E1E8
RGB	184, 225, 232
RGB Percent	72%, 88%, 91%
CMY	0.2784, 0.1176, 0.0902
CMYK	0.21, 0.03, 0.00, 0.09
HSL	189°, 51%, 82%
HSV	189°, 21%, 91%
XYZ	61.2579, 69.8670, 86.6010
YIQ	213.5390, -26.6830, -6.5150

Conversions

Conversions Part 2

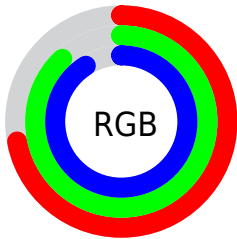
Format	Color
RYB	184, 206, 232
Decimal	12116456
CIELab	86.93, -11.78, -7.84
CIELCh	87, 14.145, 213.639
Yxy	69.8670, 0.2814, 0.3209
Android (android.graphics.Color)	4290306536 (0xFFB8E1E8)
YUV	213.5390, 9.1013, -25.9057
Hunter-Lab	83.5865, -15.4593, -2.9177

Details

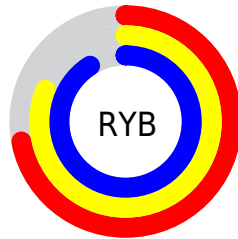
The XYZ color **61.2579, 69.8670, 86.6010** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.5619, 57.8783, 53.3285**, and the grayscale version is **63.5622, 66.8724, 72.8240**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.4171, 36.6299, 46.4887** is the 20% darker color. If you saturate the color by 10%, you get **55.2450, 65.4251, 86.0617**, and if you desaturate by 10%, it is **68.2044, 74.8206, 87.1922**.

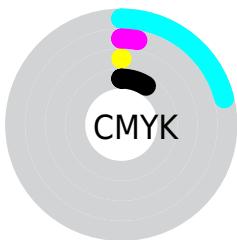
Distribution



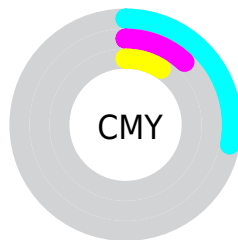
- Red (72%)
- Green (88%)
- Blue (91%)



- Red (72%)
- Yellow (81%)
- Blue (91%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2579, 69.8670, 86.6010 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 61.2579, 69.8670, 86.6010 by changing the saturation by 10% instead.

61.2579, 69.8670,
86.6010

61.2579, 69.8670,
86.6010

418.9798,
460.0829, 537.1930

44.6867, 51.4181,
64.6073

105.7483,
119.0191, 144.5018

31.4109, 36.5415,
46.6934

134.3981,
150.4910, 181.2461

21.0653, 24.8527,
32.4408

167.8049,
187.0728, 223.7442

13.2845, 15.9673,
21.4308

206.3339,
229.1488, 272.4149

7.7031, 9.5010,
13.2449

250.3505,
277.1034, 327.6765

3.9558, 5.0694,
7.4647

300.2202,

1.6771, 2.2880,

331.3211, 389.9477

3.6716

356.3081,
392.1861, 459.6470

■ 0.4419, 0.7674,
1.4470

■ 0.0000, 0.0000,
0.1779

■ 61.2579, 69.8670,
86.6010

■ 61.2579, 69.8670,
86.6010

■ 55.2450, 65.4251,
86.0617

■ 68.2044, 74.8206,
87.1922

■ 50.1151, 61.4634,
85.5674

■ 76.1198, 80.2990,
87.8324

■ 45.8220, 57.9596,
85.1173

■ 85.0451, 86.3252,
88.5252

■ 42.3129, 54.8865,
84.7091

■ 86.5355, 88.5459,
88.8752

■ 39.5287, 52.2132,
84.3399

■ 87.5324, 90.5396,
89.2075

■ 37.4019, 49.9050,
84.0064

■ 88.5479, 92.5706,
89.5460

■ 35.8517, 47.9200,
83.7050

■ 89.5821, 94.6390,
89.8908

■ 34.8014, 46.2976,
83.4472

■ 90.6351, 96.7450,
90.2418

■ 91.5657, 98.6063,
90.5520

Harmonies

Analogous

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



60.2676, 69.8670, 77.2337



61.2579, 69.8670, 86.6010



63.6261, 69.8670, 93.5630

Triad

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



61.2579, 69.8670, 86.6010



72.2614, 69.8670, 84.4390



66.0042, 69.8670, 59.3261

Complementary

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



61.2579, 69.8670, 86.6010



60.5619, 57.8783, 53.3285

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.



69.2667, 69.8670, 60.9114



61.2579, 69.8670, 86.6010



72.9487, 69.8670, 74.9246

Square

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



61.2579, 69.8670, 86.6010



69.9873, 69.8670, 92.2439



71.8358, 69.8670, 66.4353



62.9499, 69.8670, 61.9124

Rectangle

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



61.2579, 69.8670, 86.6010



65.7053, 69.8670, 95.6206



71.8358, 69.8670, 66.4353



67.1126, 69.8670, 59.3899

Sweetspot

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



61.2600, 69.8699, 86.6026



88.9360, 95.7980, 108.4112



57.9632, 71.6401, 59.7191



18.8993, 20.4100, 23.1934



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.



61.2600, 69.8699, 86.6026



72.4655, 84.0622, 107.0140



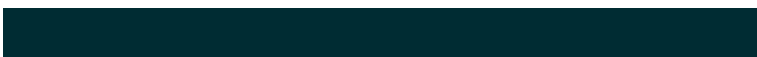
55.3608, 58.0716, 84.6362



14.6190, 15.9594, 18.4543



19.3924, 25.8469, 46.3500



1.4821, 2.0082, 3.4415

Inverse Universe

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



64.0115, 56.8746, 78.8416



76.5150, 65.2666, 95.5180



66.0796, 68.9137, 55.1677



14.9000, 14.5772, 17.6740



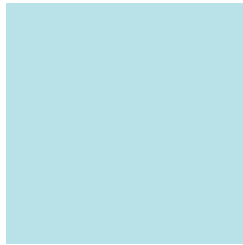
24.1819, 11.8070, 30.9165



1.8117, 0.8824, 2.4151

Previews

White Background



This preview shows how the XYZ color 61.2579, 69.8670, 86.6010 looks on a white background.

Color Contrast Check

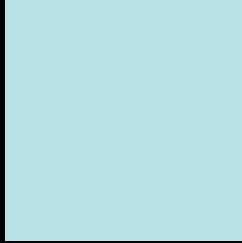
Large Text (above 18pt) WCAG AA × Fail

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 61.2579, 69.8670, 86.6010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

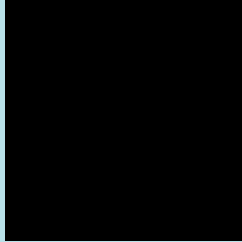
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2579, 69.8670, 86.6010

Background



This preview shows how black text looks on a background with the XYZ color 61.2579, 69.8670, 86.6010.

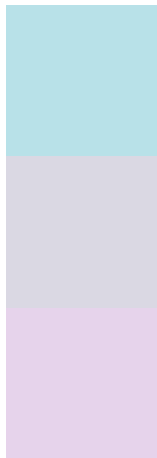


This preview shows how white text looks on a background with the XYZ color 61.2579, 69.8670,

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

61.2579, 69.8670, 86.6010

Protanopia

67.3344, 69.5632, 82.5512

Deuteranopia

70.9228, 69.4097, 88.2566



Tritanopia

62.7825, 70.1013, 93.4410

Trichromacy



Original Color

61.2579, 69.8670, 86.6010

Protanomaly

64.9280, 69.4420, 84.1103

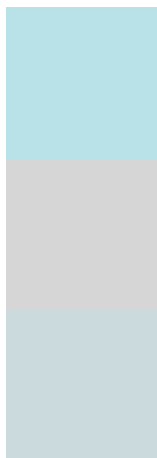
Deuteranomaly

66.8477, 69.1984, 87.6753

Tritanomaly

62.0959, 69.7986, 91.0886

Monochromacy



Original Color

61.2579, 69.8670, 86.6010

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.7512, 68.0598, 78.2361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2579, 69.8670, 86.6010 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(184, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(184, 225, 232)  
}
```

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(184, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 225, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.2579, 69.8670, 86.6010 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(184, 225, 232) }
```


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

```
.border{ border-color:rgb(184, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(184, 225,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2579, 69.8670, 86.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 225, 232) }
```

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

```
.background{ background-color: rgb(184,  
225, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor