

Converting Colors

XYZ(61.1233, 68.2770, 86.3019)

Have a look what the booklet for
XYZ(61.1233, 68.2770, 86.3019)
contains.

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Color

**XYZ(61.1610, 68.2305,
86.2902)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BCDDE8 |
| RGB | 188, 221, 232 |
| RGB Percent | 74%, 87%, 91% |
| CMY | 0.2627, 0.1333, 0.0902 |
| CMYK | 0.19, 0.05, 0.00, 0.09 |
| HSL | 195°, 49%, 82% |
| HSV | 195°, 19%, 91% |
| XYZ | 61.1610, 68.2305, 86.2902 |
| YIQ | 212.3870, -23.1990, -3.5750 |

Conversions

Conversions Part 2

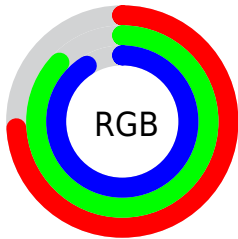
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 188, 207, 232 |
| Decimal | 12377576 |
| CIELab | 86.12, -8.51, -9.01 |
| CIELCh | 86, 12.395, 226.627 |
| Yxy | 68.2305, 0.2836, 0.3163 |
| Android (android.graphics.Color) | 4290567656 (0xFFBCDDE8) |
| YUV | 212.3870, 9.6692, -21.3874 |
| Hunter-Lab | 82.6018, -12.3859, -4.1163 |

Details

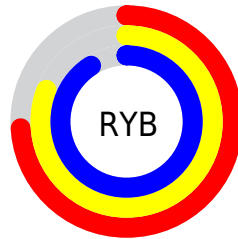
The XYZ color **61.1610, 68.2305, 86.2902** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.7798, 61.6335, 56.1660**, and the grayscale version is **62.7871, 66.0569, 71.9360**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **31.3042, 35.4754, 46.2718** is the 20% darker color. If you saturate the color by 10%, you get **54.3946, 62.5103, 85.5438**, and if you desaturate by 10%, it is **68.9030, 74.5356, 87.1003**.

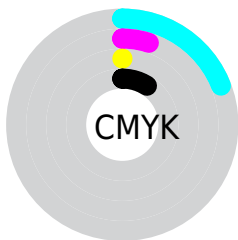
Distribution



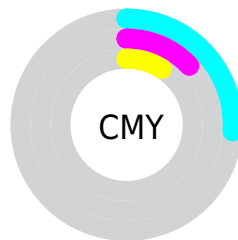
- Red (74%)
- Green (87%)
- Blue (91%)



- Red (74%)
- Yellow (81%)
- Blue (91%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (26%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1610, 68.2305, 86.2902 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 61.1610, 68.2305, 86.2902 by changing the saturation by 10% instead.

■ 61.1610, 68.2305,
86.2902

■ 61.1610, 68.2305,
86.2902

418.6306,
454.3123, 536.1431

■ 44.6081, 50.0853,
64.3517

■ 105.6088,
116.6818, 144.0645

■ 31.3489, 35.4812,
46.4876

134.2345,
147.7567, 180.7374

■ 21.0178, 24.0338,
32.2793

167.6151,
183.9103, 223.1588

■ 13.2495, 15.3587,
21.3084

206.1161,
225.5270, 271.7474

■ 7.6788, 9.0715,
13.1561

250.1028,
272.9911, 326.9215

■ 3.9402, 4.7878,
7.4042

299.9405,

■ 1.6683, 2.1233,

326.6871, 389.0998

3.6339

355.9947,
386.9993, 458.7009

■ 0.4363, 0.6777,
1.4267

■ 0.0000, 0.0000,
0.1624

■ 61.1610, 68.2305,
86.2902

■ 61.1610, 68.2305,
86.2902

■ 54.3946, 62.5103,
85.5438

■ 68.9030, 74.5356,
87.1003

■ 48.5535, 57.3431,
84.8543

■ 77.6560, 81.4395,
87.9715

■ 43.5917, 52.7062,
84.2208

■ 86.4969, 88.4686,
88.8623

■ 39.4568, 48.5716,
83.6407

■ 88.2162, 91.9073,
89.4354

■ 36.0906, 44.9086,
83.1111

■ 89.9904, 95.4557,
90.0268

■ 33.4267, 41.6822,
82.6287

■ 91.5657, 98.6063,
90.5519

■ 31.3868, 38.8510,
82.1898

■ 29.8512, 36.3527,
81.7885

■ 29.7049, 36.1047,
81.7483

Harmonies

Analogous

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



59.7420, 68.2305, 78.8721



61.1610, 68.2305, 86.2902



63.5922, 68.2305, 90.6255

Triad

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



61.1610, 68.2305, 86.2902



70.3284, 68.2305, 77.9797



63.2960, 68.2305, 60.2487

Complementary

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



61.1610, 68.2305, 86.2902



62.7798, 61.6335, 56.1660

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.



66.1264, 68.2305, 60.0483



61.1610, 68.2305, 86.2902



70.2434, 68.2305, 69.8916

Square

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



61.1610, 68.2305, 86.2902



68.9155, 68.2305, 85.5958



68.6866, 68.2305, 63.4599



60.9496, 68.2305, 64.0289

Rectangle

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



61.1610, 68.2305, 86.2902



65.4854, 68.2305, 90.9919



68.6866, 68.2305, 63.4599



64.2208, 68.2305, 59.7706

Sweetspot

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



61.1630, 68.2333, 86.2917



88.4356, 94.7972, 108.2444



59.8208, 72.4954, 64.4290



18.7807, 20.1728, 23.1538



0.0000, 0.0000, 0.0000



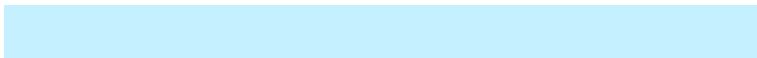
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1630, 68.2333, 86.2917



72.1668, 81.5241, 106.5399



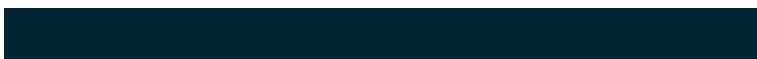
55.8984, 57.7041, 84.5369



14.4864, 15.6942, 18.4101



16.5956, 20.2534, 45.4178



1.2988, 1.6415, 3.3804

Inverse Universe

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



64.3147, 58.3442, 76.2817



76.8379, 67.2095, 91.6271



68.0203, 72.1144, 57.9128



14.8331, 14.5504, 17.3215



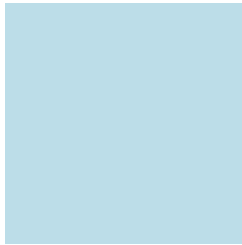
22.7702, 11.2423, 23.4827



1.7192, 0.8454, 1.9278

Previews

White Background



This preview shows how the XYZ color 61.1610, 68.2305, 86.2902 looks on a white background.

Color Contrast Check

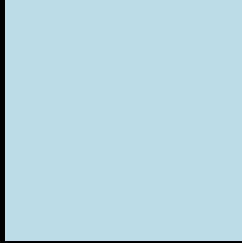
Large Text (above 18pt) WCAG AA × Fail

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 61.1610, 68.2305, 86.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

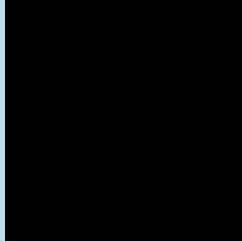
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1610, 68.2305, 86.2902

Background



This preview shows how black text looks on a background with the XYZ color 61.1610, 68.2305, 86.2902.

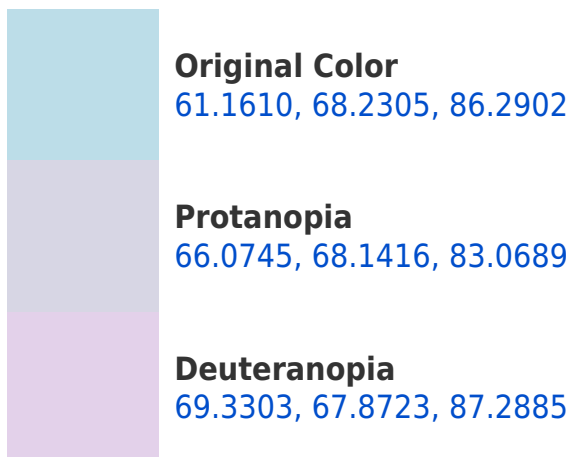


This preview shows how white text looks on a background with the XYZ color 61.1610, 68.2305,

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

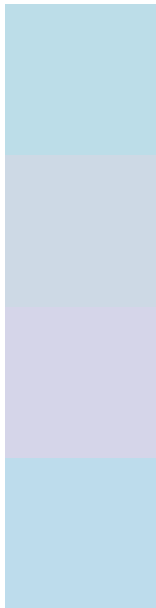




Tritanopia

62.0121, 68.1783, 90.7803

Trichromacy



Original Color

61.1610, 68.2305, 86.2902

Protanomaly

64.1325, 68.2620, 83.9245

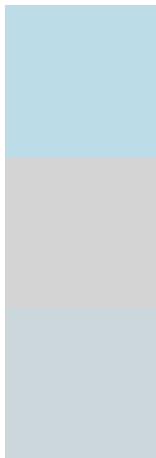
Deuteranomaly

65.9428, 67.6178, 86.6668

Tritanomaly

61.7198, 68.0613, 89.2411

Monochromacy



Original Color

61.1610, 68.2305, 86.2902

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.7152, 66.4119, 76.5839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1610, 68.2305, 86.2902 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(188, 221, 232)` looks like.

```
.text, #text, p{  
    color:rgb(188, 221, 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(188, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 221, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.1610, 68.2305, 86.2902 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(188, 221, 232) }
```


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

```
.border{ border-color:rgb(188, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(188, 221,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1610, 68.2305, 86.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 221, 232) }
```

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

```
.background{ background-color: rgb(188,  
221, 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](#).

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