

Converting Colors

XYZ(58.7138, 64.2687, 86.6349)

Have a look what the booklet for
XYZ(58.7138, 64.2687, 86.6349)
contains.

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Color

**XYZ(58.7621, 64.2906,
86.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D6E9
RGB	185, 214, 233
RGB Percent	73%, 84%, 91%
CMY	0.2745, 0.1608, 0.0863
CMYK	0.21, 0.08, 0.00, 0.09
HSL	204°, 52%, 82%
HSV	204°, 21%, 91%
XYZ	58.7621, 64.2906, 86.4030
YIQ	207.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

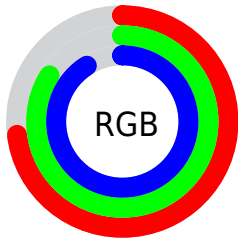
Format	Color
RYB	185, 203, 233
Decimal	12179177
CIELab	84.12, -5.59, -12.55
CIELCh	84, 13.736, 245.985
Yxy	64.2906, 0.2805, 0.3069
Android (android.graphics.Color)	4290369257 (0xFFB9D6E9)
YUV	207.4950, 12.5740, -19.7281
Hunter-Lab	80.1814, -9.5012, -7.7635

Details

The XYZ color **58.7621, 64.2906, 86.4030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9547, 64.0122, 54.8851**, and the grayscale version is **59.5611, 62.6630, 68.2400**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.6940, 32.7959, 46.3602** is the 20% darker color. If you saturate the color by 10%, you get **51.3274, 57.0923, 85.4065**, and if you desaturate by 10%, it is **67.2539, 72.2333, 87.4896**.

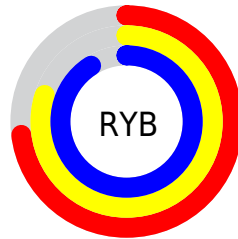
Distribution



Red (73%)

Green (84%)

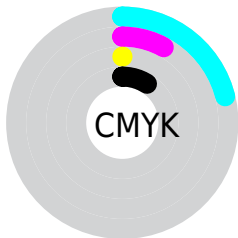
Blue (91%)



Red (73%)

Yellow (80%)

Blue (91%)

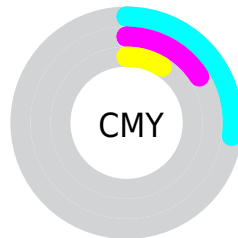


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7621, 64.2906, 86.4030 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 58.7621, 64.2906, 86.4030 by changing the saturation by 10% instead.

■ 58.7621, 64.2906,
86.4030

■ 58.7621, 64.2906,
86.4030

409.9280,
440.2383, 536.5243

■ 42.6673, 46.8861,
64.4445

■ 102.1484,
111.0293, 144.2232

■ 29.8175, 32.9456,
46.5623

130.1706,
141.1324, 180.9220

■ 19.8475, 22.0848,
32.3379

162.8994,
176.2370, 223.3713

■ 12.3919, 13.9192,
21.3528

200.6999,
216.7276, 271.9897

■ 7.0852, 8.0645,
13.1884

243.9377,
262.9887, 327.1956

■ 3.5623, 4.1362,
7.4261

292.9781,

■ 1.4576, 1.7501,

315.4046, 389.4077

3.6475

348.1864,
374.3596, 459.0444

■ 0.2967, 0.4558,
1.4340

■ 0.0000, 0.0000,
0.1681

■ 58.7621, 64.2906,
86.4030

■ 58.7621, 64.2906,
86.4030

■ 51.3274, 57.0923,
85.4065

■ 67.2539, 72.2333,
87.4896

■ 44.8971, 50.6030,
84.4928

■ 76.8409, 80.9383,
88.6645

■ 39.4223, 44.7960,
83.6605

■ 87.5663, 90.4325,
89.9318

■ 34.8474, 39.6392,
82.9063

■ 90.4114, 96.0697,
90.8699

■ 31.1106, 35.0972,
82.2265

■ 91.7082, 98.6633,
91.3022

■ 28.1414, 31.1301,
81.6173

■ 25.8561, 27.6911,
81.0740

■ 24.2013, 24.8695,
80.6166

Harmonies

Analogous

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



56.5052, 64.2906, 80.2870



58.7621, 64.2906, 86.4030



61.7167, 64.2906, 87.9722

Triad

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



58.7621, 64.2906, 86.4030



67.0954, 64.2906, 68.2736



57.7414, 64.2906, 57.3310

Complementary

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



58.7621, 64.2906, 86.4030



63.9547, 64.0122, 54.8851

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.



60.4999, 64.2906, 54.6617



58.7621, 64.2906, 86.4030



65.9506, 64.2906, 60.6343

Square

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



58.7621, 64.2906, 86.4030



66.5929, 64.2906, 77.0255



63.5120, 64.2906, 55.8193



55.9297, 64.2906, 63.4181

Rectangle

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



58.7621, 64.2906, 86.4030



63.6987, 64.2906, 86.1240



63.5120, 64.2906, 55.8193



58.5852, 64.2906, 56.0283

Sweetspot

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



58.7640, 64.2932, 86.4045



87.7420, 93.4099, 108.0132



59.9749, 72.9242, 67.6662



18.6166, 19.8445, 23.0991



0.0000, 0.0000, 0.0000



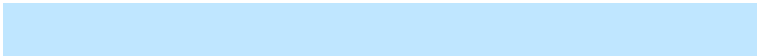
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7640, 64.2932, 86.4045



67.8314, 74.7940, 105.4693



53.2605, 53.2862, 84.5700



14.9884, 16.0633, 19.2328



13.8564, 14.3598, 45.7844



1.1815, 1.3144, 3.6263

Inverse Universe

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



63.0923, 56.8781, 71.2745



74.1759, 64.3309, 83.2006



69.9410, 75.9848, 56.8805



15.4477, 15.2069, 17.6429



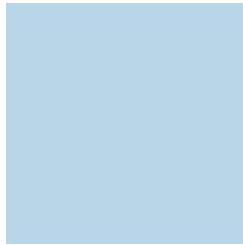
21.8494, 10.9424, 15.5400



1.7629, 0.8781, 1.4686

Previews

White Background



This preview shows how the XYZ color 58.7621, 64.2906, 86.4030 looks on a white background.

Color Contrast Check

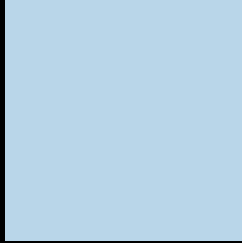
Large Text (above 18pt) WCAG AA × Fail

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 58.7621, 64.2906, 86.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

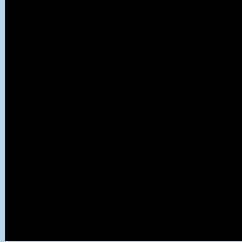
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

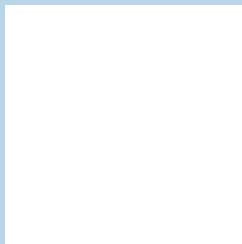
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7621, 64.2906, 86.4030

Background



This preview shows how black text looks on a background with the XYZ color 58.7621, 64.2906, 86.4030.

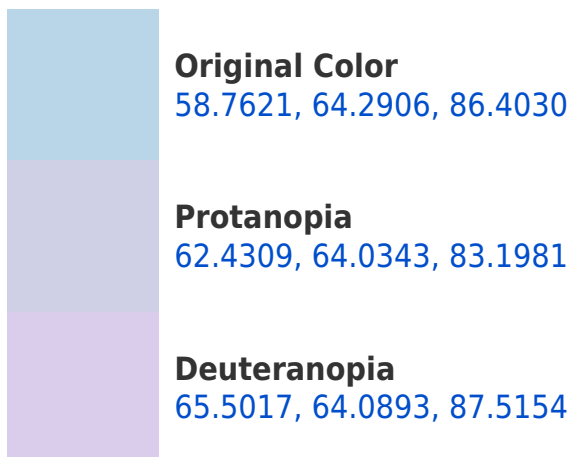


This preview shows how white text looks on a background with the XYZ color 58.7621, 64.2906,

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

58.4780, 64.1769, 84.9066

Trichromacy



Original Color

58.7621, 64.2906, 86.4030

Protanomaly

60.8827, 63.9485, 83.9973

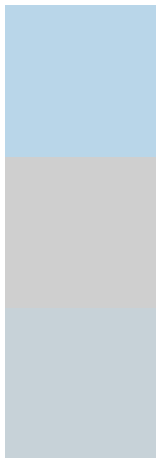
Deuteranomaly

62.8608, 64.1741, 86.9156

Tritanomaly

58.6196, 64.2336, 85.6527

Monochromacy



Original Color

58.7621, 64.2906, 86.4030

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.9945, 63.1932, 74.0539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7621, 64.2906, 86.4030 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(185, 214, 233)` looks like.

```
.text, #text, p{  
    color:rgb(185, 214, 233)  
}
```

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(185, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 214, 233) }
```

Border

The CSS property to change the border of an element to XYZ 58.7621, 64.2906, 86.4030 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(185, 214, 233) }
```


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

```
.border{ border-color:rgb(185, 214, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(185, 214,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7621, 64.2906, 86.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 214, 233) }
```

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

```
.background{ background-color: rgb(185,  
214, 233) }
```

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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