

Converting Colors

XYZ(59.4617, 64.4738, 88.7532)

Have a look what the booklet for
XYZ(59.4617, 64.4738, 88.7532)
contains.

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Color

**XYZ(59.4366, 64.5884,
88.6910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BAD6EC |
| RGB | 186, 214, 236 |
| RGB Percent | 73%, 84%, 93% |
| CMY | 0.2706, 0.1608, 0.0745 |
| CMYK | 0.21, 0.09, 0.00, 0.07 |
| HSL | 206°, 57%, 83% |
| HSV | 206°, 21%, 93% |
| XYZ | 59.4366, 64.5884, 88.6910 |
| YIQ | 208.1360, -23.7500, 0.9060 |

Conversions

Conversions Part 2

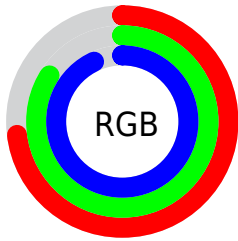
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 186, 204, 236 |
| Decimal | 12244716 |
| CIELab | 84.27, -4.63, -13.90 |
| CIELCh | 84, 14.653, 251.571 |
| Yxy | 64.5884, 0.2794, 0.3036 |
| Android (android.graphics.Color) | 4290434796 (0xFFBAD6EC) |
| YUV | 208.1360, 13.7370, -19.4133 |
| Hunter-Lab | 80.3669, -8.6296, -9.1742 |

Details

The XYZ color **59.4366, 64.5884, 88.6910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0115, 66.4899, 55.8105**, and the grayscale version is **59.9687, 63.0918, 68.7070**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.1521, 32.9971, 47.9599** is the 20% darker color. If you saturate the color by 10%, you get **51.6257, 56.7859, 87.5977**, and if you desaturate by 10%, it is **68.3658, 73.2193, 89.8874**.

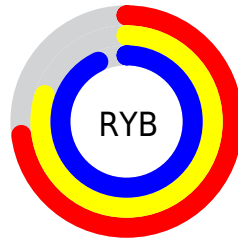
Distribution



Red (73%)

Green (84%)

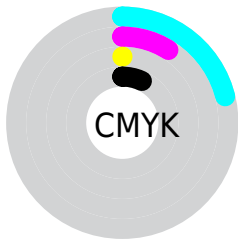
Blue (93%)



Red (73%)

Yellow (80%)

Blue (93%)

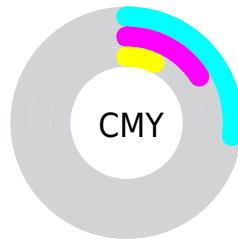


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4366, 64.5884, 88.6910 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 59.4366, 64.5884, 88.6910 by changing the saturation by 10% instead.

■ 59.4366, 64.5884,
88.6910

■ 59.4366, 64.5884,
88.6910

412.3861,
441.3114, 544.2233

■ 43.2124, 47.1274,
66.3279

■ 103.1230,
111.4579, 147.4384

■ 30.2470, 33.1364,
48.0805

131.3158,
141.6352, 184.6597

■ 20.1752, 22.2309,
33.5302

164.2290,
176.8200, 227.6709

■ 12.6315, 14.0267,
22.2585

202.2277,
217.3968, 276.8905

■ 7.2505, 8.1392,
13.8468

245.6774,
263.7500, 332.7370

■ 3.6670, 4.1842,
7.8767

294.9435,

■ 1.5155, 1.7771,

316.2638, 395.6289

3.9295

350.3913,
375.3228, 465.9848

■ 0.3363, 0.4728,
1.5867

■ 0.0000, 0.0000,
0.2813

■ 59.4366, 64.5884,
88.6910

■ 59.4366, 64.5884,
88.6910

■ 51.6257, 56.7859,
87.5977

■ 68.3658, 73.2193,
89.8874

■ 44.8778, 49.7738,
86.5999

■ 78.4536, 82.6991,
91.1855

■ 39.1412, 43.5223,
85.6956

■ 89.0792, 92.7136,
92.5584

■ 34.3572, 37.9965,
84.8811

■ 92.1405, 98.8362,
93.5789

■ 30.4608, 33.1577,
84.1525

■ 27.3774, 28.9622,
83.5052

■ 25.0184, 25.3591,
82.9341

■ 23.4152, 22.6057,
82.4871

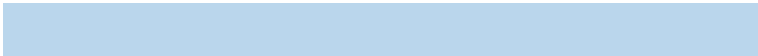
Harmonies

Analogous

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



56.8357, 64.5884, 82.8709



59.4366, 64.5884, 88.6910



62.6503, 64.5884, 89.3388

Triad

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



59.4366, 64.5884, 88.6910



67.7116, 64.5884, 66.7997



57.3388, 64.5884, 57.7783

Complementary

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



59.4366, 64.5884, 88.6910



66.0115, 66.4899, 55.8105

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.



60.1454, 64.5884, 54.2220



59.4366, 64.5884, 88.6910



66.1800, 64.5884, 59.1153

Square

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



59.4366, 64.5884, 88.6910



67.5054, 64.5884, 76.1315



63.3844, 64.5884, 54.6888



55.6543, 64.5884, 64.8230

Rectangle

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



59.4366, 64.5884, 88.6910



64.7166, 64.5884, 86.6873



63.3844, 64.5884, 54.6888



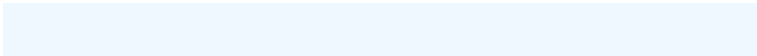
58.1781, 64.5884, 56.1645

Sweetspot

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



59.4385, 64.5910, 88.6925



87.5335, 92.9930, 107.9437



61.5906, 74.9689, 70.6853



18.5673, 19.7459, 23.0827



0.0000, 0.0000, 0.0000



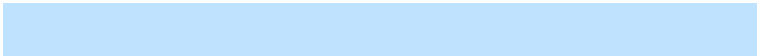
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4385, 64.5910, 88.6925



67.0551, 73.2414, 105.2106



53.6608, 53.0355, 86.7665



14.9310, 15.9484, 19.2137



13.0380, 12.7230, 45.5116



1.1194, 1.1902, 3.6056

Inverse Universe

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



64.2901, 57.8073, 71.3908



73.7840, 64.1742, 81.1373



72.5008, 79.4684, 57.9736



15.4187, 15.1953, 17.4903



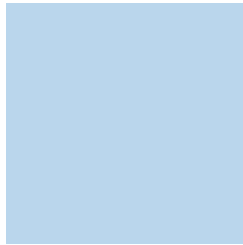
21.4363, 10.7772, 13.3646



1.7315, 0.8656, 1.3035

Previews

White Background



This preview shows how the XYZ color 59.4366, 64.5884, 88.6910 looks on a white background.

Color Contrast Check

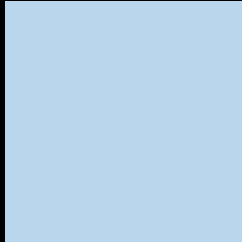
Large Text (above 18pt) WCAG AA × Fail

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 59.4366, 64.5884, 88.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

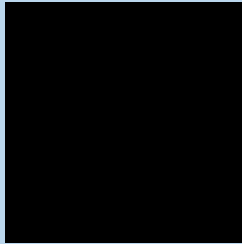
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

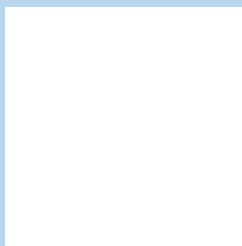
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4366, 64.5884, 88.6910

Background



This preview shows how black text looks on a background with the XYZ color 59.4366, 64.5884, 88.6910.



This preview shows how white text looks on a background with the XYZ color 59.4366, 64.5884,

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

59.4366, 64.5884, 88.6910

Protanopia

62.8535, 64.2033, 85.4237

Deuteranopia

65.6408, 64.1105, 89.8038



Tritanopia

58.8735, 64.7414, 85.7373

Trichromacy



Original Color

59.4366, 64.5884, 88.6910

Protanomaly

61.3078, 64.1185, 86.2356

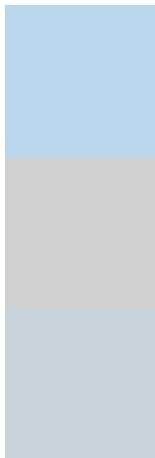
Deuteranomaly

63.2955, 64.3480, 89.2051

Tritanomaly

59.0160, 64.7984, 86.4877

Monochromacy



Original Color

59.4366, 64.5884, 88.6910

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5209, 63.4345, 75.4367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4366, 64.5884, 88.6910 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(186, 214, 236)` looks like.

```
.text, #text, p{  
    color:rgb(186, 214, 236)  
}
```

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(186, 214, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 214, 236) }
```

Border

The CSS property to change the border of an element to XYZ 59.4366, 64.5884, 88.6910 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(186, 214, 236) }
```


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

```
.border{ border-color:rgb(186, 214, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 214, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 214, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 214, 236);  
box-shadow:4px 4px 4px 4px rgb(186, 214,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4366, 64.5884, 88.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 214, 236) }
```

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

```
.background{ background-color: rgb(186,  
214, 236) }
```

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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