

Converting Colors

XYZ(58.0460, 63.9214, 86.3695)

Have a look what the booklet for
XYZ(58.0460, 63.9214, 86.3695)
contains.

XYZ(58.0460, 63.9214, 86.3695)	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(58.0460, 63.9214,
86.3695)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D6E9
RGB	182, 214, 233
RGB Percent	71%, 84%, 91%
CMY	0.2863, 0.1608, 0.0863
CMYK	0.22, 0.08, 0.00, 0.09
HSL	202°, 54%, 81%
HSV	202°, 22%, 91%
XYZ	58.0460, 63.9214, 86.3695
YIQ	206.5980, -25.1710, -0.8750

Conversions

Conversions Part 2

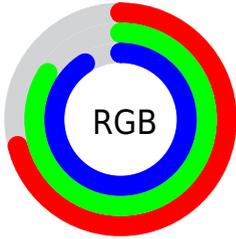
Format	Color
R _Y B	182, 202, 233
Decimal	11982569
CIE Lab	83.92, -6.50, -12.85
CIE LCh	84, 14.404, 243.176
Yxy	63.9214, 0.2786, 0.3068
Android (android.graphics.Color)	4290172649 (0xFFB6D6E9)
YUV	206.5980, 13.0162, -21.5724
Hunter-Lab	79.9509, -10.3193, -8.0843

Details

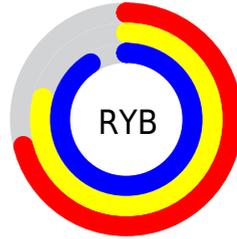
The XYZ color **58.0460, 63.9214, 86.3695** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.9352, 62.4747, 52.9993**, and the grayscale version is **58.9818, 62.0535, 67.5762**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **29.2360, 32.5598, 46.3387** is the 20% darker color. If you saturate the color by 10%, you get **50.8565, 57.0421, 85.4216**, and if you desaturate by 10%, it is **66.2719, 71.5120, 87.4021**.

Distribution



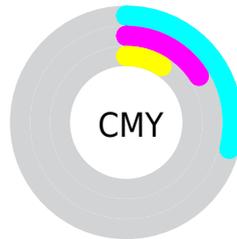
- Red (71%)
- Green (84%)
- Blue (91%)



- Red (71%)
- Yellow (79%)
- Blue (91%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0460, 63.9214, 86.3695 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 58.0460, 63.9214, 86.3695 by changing the saturation by 10% instead.

■ 58.0460, 63.9214,
86.3695

■ 58.0460, 63.9214,
86.3695

407.3084,
438.9057, 536.4111

■ 42.0890, 46.5870,
64.4169

■ 101.1124,
110.4977, 144.1761

■ 29.3624, 32.7093,
46.5401

128.9526,
140.5085, 180.8672

■ 19.5008, 21.9038,
32.3205

161.4845,
175.5134, 223.3082

■ 12.1389, 13.7863,
21.3396

199.0736,
215.8971, 271.9177

■ 6.9112, 7.9722,
13.1788

242.0852,
262.0437, 327.1142

■ 3.4525, 4.0771,
7.4196

290.8846,

■ 1.3973, 1.7168,

314.3378, 389.3163

3.6435

345.8372,
373.1636, 458.9424

■ 0.2543, 0.4345,
1.4319

■ 0.0000, 0.0000,
0.1664

■ 58.0460, 63.9214,
86.3695

■ 58.0460, 63.9214,
86.3695

■ 50.8565, 57.0421,
85.4216

■ 66.2719, 71.5120,
87.4021

■ 44.6506, 50.8393,
84.5515

■ 75.5724, 79.8314,
88.5177

■ 39.3793, 45.2867,
83.7575

■ 85.9907, 88.9059,
89.7202

■ 34.9867, 40.3526,
83.0367

■ 89.7379, 94.7228,
90.6455

■ 31.4104, 36.0020,
82.3854

■ 91.7082, 98.6633,
91.3022

■ 28.5789, 32.1950,
81.7998

■ 26.4068, 28.8846,
81.2753

■ 25.0191, 26.5050,
80.8892

Harmonies

Analogous

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



55.7949, 63.9214, 79.5959



58.0460, 63.9214, 86.3695



61.0937, 63.9214, 88.5255

Triad

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



58.0460, 63.9214, 86.3695



67.0471, 63.9214, 68.6370



57.4805, 63.9214, 55.9865

Complementary

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



58.0460, 63.9214, 86.3695



62.9352, 62.4747, 52.9993

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.



60.4183, 63.9214, 53.5837



58.0460, 63.9214, 86.3695



66.0015, 63.9214, 60.4772

Square

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



58.0460, 63.9214, 86.3695



66.3590, 63.9214, 77.7782



63.5478, 63.9214, 55.1543



55.4765, 63.9214, 62.0153

Rectangle

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



58.0460, 63.9214, 86.3695



63.1860, 63.9214, 86.9131



63.5478, 63.9214, 55.1543



58.3879, 63.9214, 54.7529

Sweetspot

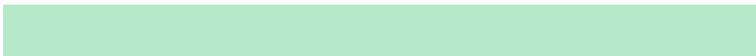
The Sweet Spot groups the original color and five complimentary colors.



58.0479, 63.9240, 86.3709



86.7005, 92.6011, 107.9119



58.9390, 72.4271, 65.9484



18.4101, 19.6884, 23.0799



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.



58.0479, 63.9240, 86.3709



67.3431, 74.7629, 105.4891



52.1555, 52.1391, 84.4068



15.0188, 16.1241, 19.2429



14.3188, 15.2847, 45.9385



1.2161, 1.3836, 3.6378

Inverse Universe

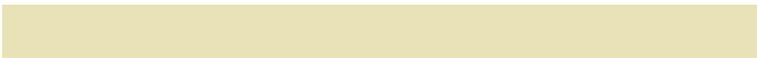
The Inverse Universe completely reimagines the original color for something new.



62.4714, 55.6362, 71.0674



73.6987, 63.2565, 83.4116



69.2997, 75.2038, 55.1209



15.4631, 15.2131, 17.7237



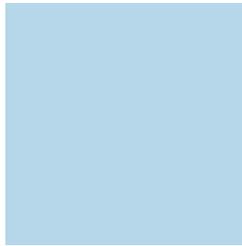
22.0828, 11.0358, 16.7691



1.7803, 0.8851, 1.5605

Previews

White Background



This preview shows how the XYZ color 58.0460, 63.9214, 86.3695 looks on a white background.

Color Contrast Check

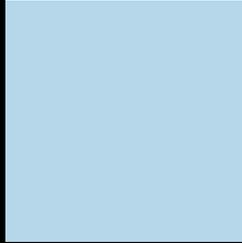
Large Text (above 18pt) WCAG AA × Fail

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 58.0460, 63.9214, 86.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

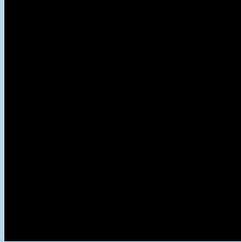
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

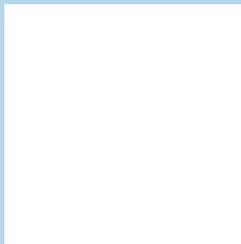
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0460, 63.9214, 86.3695

Background



This preview shows how black text looks on a background with the XYZ color 58.0460, 63.9214, 86.3695.



This preview shows how white text looks on a background with the XYZ color 58.0460, 63.9214,

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

58.0460, 63.9214, 86.3695

Protanopia

62.1878, 63.5482, 83.1171

Deuteranopia

64.9666, 63.4617, 87.4225



Tritanopia

57.7618, 63.8077, 84.8731

Trichromacy



Original Color

58.0460, 63.9214, 86.3695

Protanomaly

60.6182, 63.8121, 83.9850

Deuteranomaly

62.0659, 63.4035, 86.8088

Tritanomaly

57.9035, 63.8644, 85.6192

Monochromacy



Original Color

58.0460, 63.9214, 86.3695

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7300, 63.0568, 74.0415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0460, 63.9214, 86.3695 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(182, 214, 233)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 214, 233) }
```

Border

The CSS property to change the border of an element to XYZ 58.0460, 63.9214, 86.3695 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(182, 214, 233) }
```


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

```
.border{ border-color:rgb(182, 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(182, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(182, 214,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0460, 63.9214, 86.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 214, 233) }
```

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

```
.background{ background-color: rgb(182,  
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](#).

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