

Converting Colors

XYZ(58.5714, 64.5458, 93.6735)

Have a look what the booklet for
XYZ(58.5714, 64.5458, 93.6735)
contains.

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Color

**XYZ(58.4589, 64.3588,
93.3458)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D7F2
RGB	177, 215, 242
RGB Percent	69%, 84%, 95%
CMY	0.3059, 0.1568, 0.0510
CMYK	0.27, 0.11, 0.00, 0.05
HSL	205°, 71%, 82%
HSV	205°, 27%, 95%
XYZ	58.4589, 64.3588, 93.3458
YIQ	206.7160, -31.3150, 0.3410

Conversions

Conversions Part 2

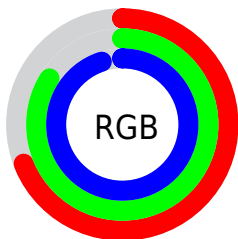
Format	Color
R _Y B	177, 201, 242
Decimal	11655154
CIE Lab	84.15, -6.48, -17.32
CIE LCh	84, 18.490, 249.495
Yxy	64.3588, 0.2704, 0.2977
Android (android.graphics.Color)	4289845234 (0xFFB1D7F2)
YUV	206.7160, 17.3950, -26.0609
Hunter-Lab	80.2239, -10.3196, -12.8310

Details

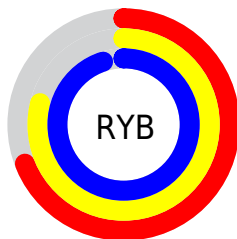
The XYZ color **58.4589, 64.3588, 93.3458** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.1474, 65.2377, 50.7023**, and the grayscale version is **59.0332, 62.1075, 67.6351**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **29.6021, 32.8977, 51.2441** is the 20% darker color. If you saturate the color by 10%, you get **50.9469, 56.8040, 92.2846**, and if you desaturate by 10%, it is **67.1096, 72.7372, 94.5081**.

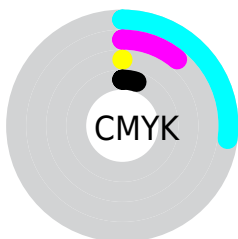
Distribution



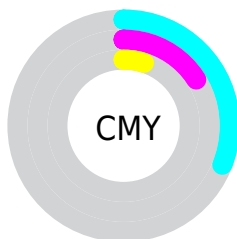
- Red (69%)
- Green (84%)
- Blue (95%)



- Red (69%)
- Yellow (79%)
- Blue (95%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4589, 64.3588, 93.3458 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 58.4589, 64.3588, 93.3458 by changing the saturation by 10% instead.

■ 58.4589, 64.3588,
93.3458

■ 58.4589, 64.3588,
93.3458

408.8201,
440.4842, 559.7041

■ 42.4224, 46.9413,
70.1697

■ 101.7100,
111.1275, 153.9531

■ 29.6247, 32.9893,
51.1872

129.6552,
141.2475, 192.2214

■ 19.7006, 22.1182,
35.9799

162.3007,
176.3706, 236.3575

■ 12.2846, 13.9438,
24.1291

200.0119,
216.8810, 286.7800

■ 7.0114, 8.0816,
15.2163

243.1541,
263.1631, 343.9073

■ 3.5156, 4.1472,
8.8230

292.0926,

■ 1.4319, 1.7562,

315.6014, 408.1581

4.5307

347.1928,
374.5803, 479.9508

■ 0.2788, 0.4597,
1.9208

■ 0.0000, 0.0000,
0.5059

■ 58.4589, 64.3588,
93.3458

■ 58.4589, 64.3588,
93.3458

■ 50.9469, 56.8040,
92.2846

■ 67.1096, 72.7372,
94.5081

■ 44.5132, 50.0329,
91.3167

■ 76.9435, 81.9615,
95.7703

■ 39.1005, 44.0131,
90.4401

■ 88.0101, 92.0627,
97.1367

■ 34.6433, 38.7066,
89.6507

■ 93.0272, 99.1909,
98.2482

■ 31.0677, 34.0706,
88.9443

■ 28.2874, 30.0561,
88.3160

■ 26.1934, 26.6019,
87.7596

■ 25.6239, 25.6043,
87.5971

Harmonies

Analogous

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



55.3039, 64.3588, 85.3902



58.4589, 64.3588, 93.3458



62.4769, 64.3588, 94.7057

Triad

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



58.4589, 64.3588, 93.3458



69.2557, 64.3588, 66.4275



56.3069, 64.3588, 54.1005

Complementary

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



58.4589, 64.3588, 93.3458



66.1474, 65.2377, 50.7023

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.



59.8836, 64.3588, 50.1356



58.4589, 64.3588, 93.3458



67.4393, 64.3588, 56.7115

Square

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



58.4589, 64.3588, 93.3458



68.8326, 64.3588, 78.2605



63.9659, 64.3588, 51.0351



54.1004, 64.3588, 62.4826

Rectangle

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



58.4589, 64.3588, 93.3458



65.1232, 64.3588, 91.5521



63.9659, 64.3588, 51.0351



57.3822, 64.3588, 52.2518

Sweetspot

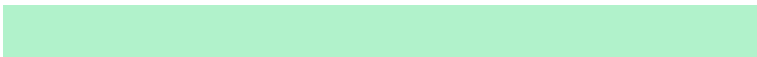
The Sweet Spot groups the original color and five complimentary colors.



58.4609, 64.3614, 93.3473



85.2953, 91.0467, 107.6860



60.6645, 77.1645, 68.1982



17.8855, 19.1426, 23.0022



0.0000, 0.0000, 0.0000



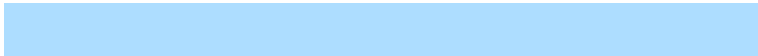
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4609, 64.3614, 93.3473



61.2570, 67.9195, 104.4889



51.1967, 49.8331, 90.9259



15.6651, 16.7644, 20.1318



13.9032, 14.0307, 47.1033



1.2545, 1.3631, 3.9512

Inverse Universe

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



64.6074, 55.2295, 71.5480



69.3258, 56.5270, 75.7386



74.4067, 81.7562, 53.4554



16.1604, 15.9139, 18.4010



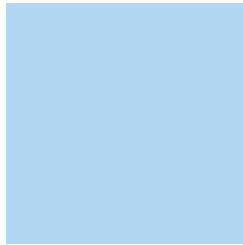
22.3433, 11.2098, 14.9904



1.9082, 0.9523, 1.5074

Previews

White Background



This preview shows how the XYZ color 58.4589, 64.3588, 93.3458 looks on a white background.

Color Contrast Check

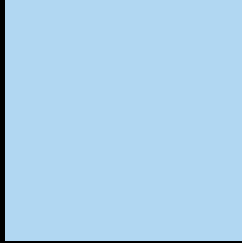
Large Text (above 18pt) WCAG AA × Fail

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 58.4589, 64.3588, 93.3458 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

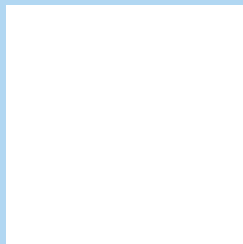
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4589, 64.3588, 93.3458

Background



This preview shows how black text looks on a background with the XYZ color 58.4589, 64.3588, 93.3458.



This preview shows how white text looks on a background with the XYZ color 58.4589, 64.3588,

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

58.4589, 64.3588, 93.3458

Protanopia

63.0188, 64.2053, 89.1922

Deuteranopia

65.3626, 63.8635, 94.4699



Tritanopia

57.0863, 64.1662, 87.2184

Trichromacy



Original Color

58.4589, 64.3588, 93.3458

Protanomaly

61.3799, 64.4226, 90.8611

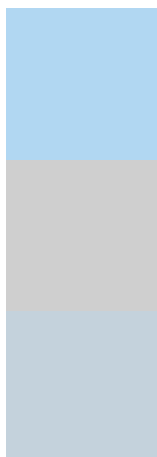
Deuteranomaly

62.5530, 63.8622, 93.8238

Tritanomaly

57.7464, 64.4563, 89.5185

Monochromacy



Original Color

58.4589, 64.3588, 93.3458

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7298, 62.9963, 76.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4589, 64.3588, 93.3458 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(177, 215, 242)` looks like.

```
.text, #text, p{  
    color:rgb(177, 215, 242)  
}
```

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(177, 215, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 215, 242) }
```

Border

The CSS property to change the border of an element to XYZ 58.4589, 64.3588, 93.3458 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(177, 215, 242) }
```


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

```
.border{ border-color:rgb(177, 215, 242) }
```

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

Here you see how a box with a 4 pixel rgb(177, 215, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 215, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 215, 242);  
box-shadow:4px 4px 4px 4px rgb(177, 215,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4589, 64.3588, 93.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 215, 242) }
```

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

```
.background{ background-color: rgb(177,  
215, 242) }
```

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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