

Converting Colors

XYZ(58.8065, 71.7846, 53.9364)

Have a look what the booklet for
XYZ(58.8065, 71.7846, 53.9364)
contains.

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Color

**XYZ(58.8065, 71.7846,
53.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E7B4
RGB	193, 231, 180
RGB Percent	76%, 91%, 71%
CMY	0.2431, 0.0941, 0.2941
CMYK	0.16, 0.00, 0.22, 0.09
HSL	105°, 52%, 81%
HSV	105°, 22%, 91%
XYZ	58.8065, 71.7846, 53.9364
YIQ	213.8240, -6.2770, -23.9170

Conversions

Conversions Part 2

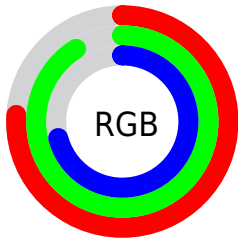
Format	Color
RYB	180, 231, 218
Decimal	12707764
CIELab	87.86, -21.64, 20.83
CIELCh	88, 30.035, 136.091
Yxy	71.7846, 0.3187, 0.3890
Android (android.graphics.Color)	4290897844 (0xFFC1E7B4)
YUV	213.8240, -16.6752, -18.2626
Hunter-Lab	84.7258, -24.3768, 21.5641

Details

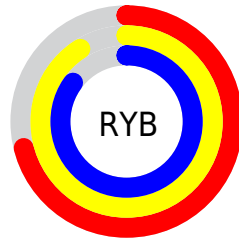
The XYZ color **58.8065, 71.7846, 53.9364** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.6614, 53.3195, 82.7523**, and the grayscale version is **63.9114, 67.2398, 73.2241**.

A 20% lighter version of the original color is **90.3247, 97.9001, 93.4929**, and **29.8082, 37.6812, 25.7808** is the 20% darker color. If you saturate the color by 10%, you get **52.5114, 68.7911, 42.3646**, and if you desaturate by 10%, it is **66.0084, 75.2045, 67.6009**.

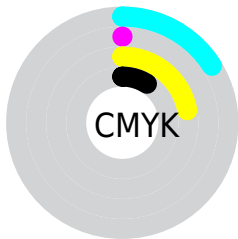
Distribution



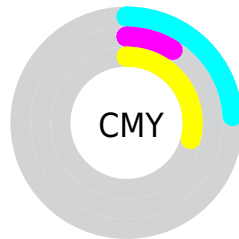
- Red (76%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)





- Cyan (24%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8065, 71.7846, 53.9364 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 58.8065, 71.7846, 53.9364 by changing the saturation by 10% instead.


 58.8065, 71.7846,
53.9364

 58.8065, 71.7846,
53.9364


410.0900,
466.7915, 419.0352

 42.7031, 52.9827,
38.1580


 102.2126,
121.7502, 97.4363

 29.8458, 37.7890,
25.8025


130.2461,
153.6828, 125.9949

 19.8690, 25.8190,
16.4515


162.9870,
190.7611, 159.6506

 12.4076, 16.6883,
9.6864

200.8006,
233.3694, 198.8220

 7.0961, 10.0125,
5.0887

244.0524,
281.8922, 243.9276

 3.5691, 5.4072,
2.2397

293.1077,

 1.4614, 2.4881,

336.7139, 295.3860

0.6972

348.3318,
398.2189, 353.6157

■ 0.2993, 0.8707,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8065, 71.7846,
53.9364

■ 58.8065, 71.7846,
53.9364

■ 52.5114, 68.7911,
42.3646

■ 66.0084, 75.2045,
67.6009

■ 47.0806, 66.1980,
32.7776

■ 74.1461, 79.0573,
83.4493

■ 42.4764, 63.9904,
25.0652

■ 83.2543, 83.3610,
101.5733

■ 38.6561, 62.1489,
19.1044

■ 87.8674, 85.6347,
106.5058

■ 35.5728, 60.6525,
14.7576

■ 33.1742, 59.4774,
11.8663

■ 31.3997, 58.5968,
10.2405

■ 30.3737, 58.0807,
9.6098

Harmonies

Analogous

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



64.4935, 71.7846, 46.1367



58.8065, 71.7846, 53.9364



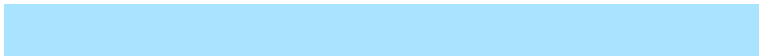
55.7489, 71.7846, 69.0835

Triad

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



58.8065, 71.7846, 53.9364



64.9811, 71.7846, 122.8875



82.2919, 71.7846, 67.7601

Complementary

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



58.8065, 71.7846, 53.9364



59.6614, 53.3195, 82.7523

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.



82.4453, 71.7846, 88.0012



58.8065, 71.7846, 53.9364



72.1063, 71.7846, 122.3643

Square

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



58.8065, 71.7846, 53.9364



59.1419, 71.7846, 110.0556



78.6080, 71.7846, 108.7309



78.2025, 71.7846, 53.1139

Rectangle

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



58.8065, 71.7846, 53.9364



55.4653, 71.7846, 82.4087



78.6080, 71.7846, 108.7309



82.8147, 71.7846, 74.0623

Sweetspot

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



58.8084, 71.7877, 53.9380



87.5829, 96.4673, 94.2397



66.1123, 70.1195, 53.2310



18.6145, 20.5855, 19.9146



0.0000, 0.0000, 0.0000



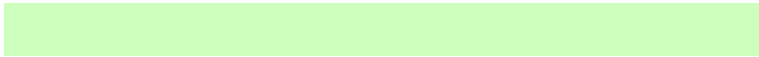
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8084, 71.7877, 53.9380



70.2549, 88.2454, 61.3038



56.9039, 70.6597, 60.4522



14.5319, 16.2657, 15.2781



17.1241, 32.6093, 5.3917



1.3498, 2.4532, 0.4024

Inverse Universe

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



59.6614, 53.3195, 82.7523



71.4773, 61.6811, 102.7461



62.0783, 54.7531, 74.3864



14.6177, 14.4207, 18.1574



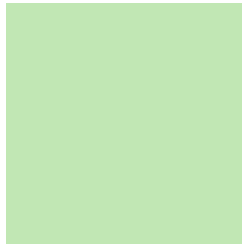
17.7600, 8.2215, 43.0340



1.3969, 0.6511, 3.1840

Previews

White Background



This preview shows how the XYZ color 58.8065, 71.7846, 53.9364 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 58.8065, 71.7846, 53.9364 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 58.8065, 71.7846, 53.9364

Background



This preview shows how black text looks on a background with the XYZ color 58.8065, 71.7846, 53.9364.

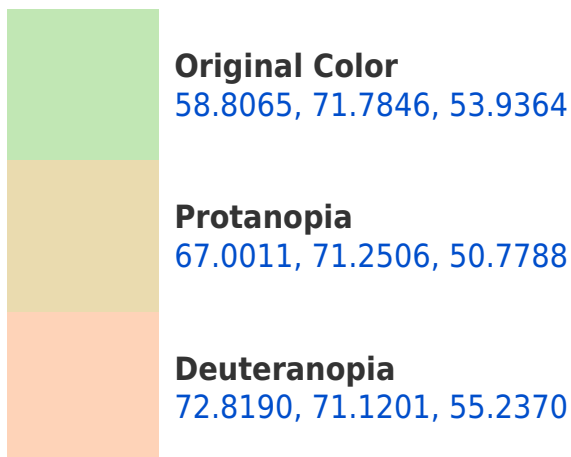


This preview shows how white text looks on a background with the XYZ color 58.8065, 71.7846,

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

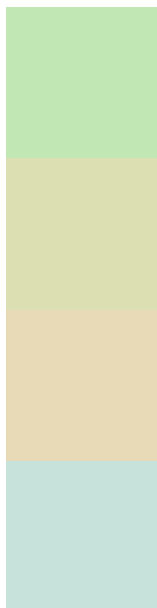




Tritanopia

66.8935, 71.8227, 93.5566

Trichromacy



Original Color

58.8065, 71.7846, 53.9364

Protanomaly

63.5369, 71.0097, 51.9525

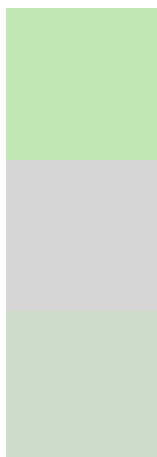
Deuteranomaly

66.8974, 70.7175, 54.9237

Tritanomaly

63.5357, 71.6493, 77.4988

Monochromacy



Original Color

58.8065, 71.7846, 53.9364

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

61.7075, 68.5725, 65.8606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8065, 71.7846, 53.9364 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(193, 231, 180)` looks like.

```
.text, #text, p{  
    color:rgb(193, 231, 180)  
}
```

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(193, 231, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 231, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.8065, 71.7846, 53.9364 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(193, 231, 180) }
```


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

```
.border{ border-color:rgb(193, 231, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 231, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 231, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 231, 180); box-shadow:4px 4px 4px 4px rgb(193, 231, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8065, 71.7846, 53.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 231, 180) }
```

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

```
.background{ background-color: rgb(193,  
231, 180) }
```

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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