

Converting Colors

XYZ(58.3961, 74.9734, 54.5735)

Have a look what the booklet for
XYZ(58.3961, 74.9734, 54.5735)
contains.

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Color

**XYZ(58.3961, 74.9734,
54.5735)**

Conversions

Conversions Part 1

Format	Color
Hex	B6EFB4
RGB	182, 239, 180
RGB Percent	71%, 94%, 71%
CMY	0.2863, 0.0627, 0.2941
CMYK	0.24, 0.00, 0.25, 0.06
HSL	118°, 65%, 82%
HSV	118°, 25%, 94%
XYZ	58.3961, 74.9734, 54.5735
YIQ	215.2310, -15.0330, -30.4330

Conversions

Conversions Part 2

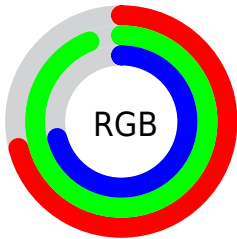
Format	Color
RYB	180, 239, 237
Decimal	11988916
CIELab	89.38, -29.16, 22.82
CIELCh	89, 37.033, 141.956
Yxy	74.9734, 0.3107, 0.3989
Android (android.graphics.Color)	4290178996 (0xFFB6EFB4)
YUV	215.2310, -17.3689, -29.1436
Hunter-Lab	86.5872, -31.1437, 23.2422

Details

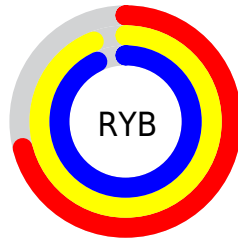
The XYZ color **58.3961, 74.9734, 54.5735** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.8296, 56.8813, 89.1222**, and the grayscale version is **64.8708, 68.2491, 74.3233**.

A 20% lighter version of the original color is **86.4969, 95.9269, 93.3137**, and **29.6663, 39.9885, 26.2336** is the 20% darker color. If you saturate the color by 10%, you get **51.1576, 71.5015, 42.6025**, and if you desaturate by 10%, it is **66.9576, 79.0832, 68.8010**.

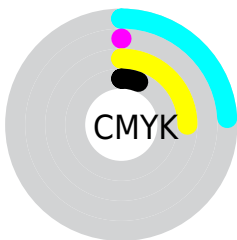
Distribution



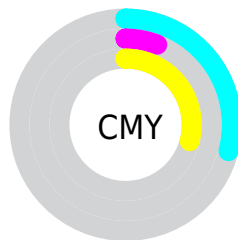
- Red (71%)
- Green (94%)
- Blue (71%)



- Red (71%)
- Yellow (94%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (25%)
- Black (6%)





- Cyan (29%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3961, 74.9734, 54.5735 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 58.3961, 74.9734, 54.5735 by changing the saturation by 10% instead.


 58.3961, 74.9734,
54.5735

 58.3961, 74.9734,
54.5735


408.5904,
477.8261, 421.5295

 42.3717, 55.5911,
38.6641


 101.6191,
126.2747, 98.3807

 29.5848, 39.8752,
26.1927


129.5484,
158.9625, 127.1155

 19.6702, 27.4412,
16.7408


162.1767,
196.8543, 160.9625

 12.2624, 17.9049,
9.8898

199.8693,
240.3344, 200.3402

 6.9961, 10.8817,
5.2213

242.9916,
289.7872, 245.6673

 3.5060, 5.9874,
2.3167


291.9090,

 1.4266, 2.8374,


345.5972, 297.3621


0.7406


346.9868,
408.1487, 355.8433


 0.2751, 1.0474,
0.0000


 0.0000, 0.0000,
0.0000


 58.3961, 74.9734,
54.5735


 58.3961, 74.9734,
54.5735

 51.1576, 71.5015,
42.6025

 66.9576, 79.0832,
68.8010


 45.1707, 68.6266,
32.7675

 76.8971, 83.8504,
85.3874

 40.3660, 66.3179,
24.9445

 88.2740, 89.3056,
104.4346

 36.6652, 64.5379,
18.9945

 90.1580, 90.2160,
107.2693

■ 33.9807, 63.2449,
14.7610

■ 32.2112, 62.3906,
12.0623

■ 31.2347, 61.9169,
10.6756

■ 30.9694, 61.7883,
10.2941

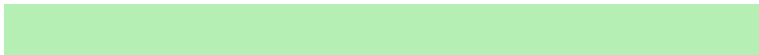
Harmonies

Analogous

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



64.9398, 74.9734, 43.5374



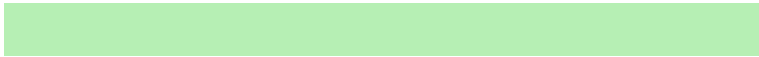
58.3961, 74.9734, 54.5735



55.3577, 74.9734, 74.8455

Triad

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



58.3961, 74.9734, 54.5735



68.8487, 74.9734, 141.7049



88.6785, 74.9734, 64.3560

Complementary

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



58.3961, 74.9734, 54.5735



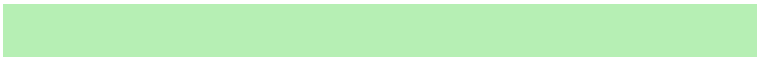
66.8296, 56.8813, 89.1222

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.



89.9486, 74.9734, 88.8195



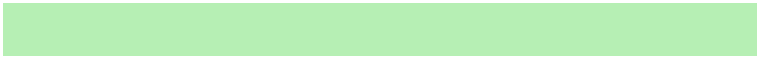
58.3961, 74.9734, 54.5735



77.9774, 74.9734, 137.2330

Square

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



58.3961, 74.9734, 54.5735



61.0494, 74.9734, 127.5924



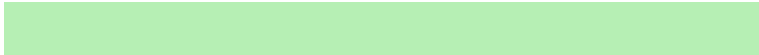
85.8865, 74.9734, 116.4212



82.5499, 74.9734, 48.2946

Rectangle

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



58.3961, 74.9734, 54.5735



55.5325, 74.9734, 92.4167



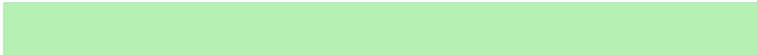
85.8865, 74.9734, 116.4212



89.7075, 74.9734, 71.7231

Sweetspot

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



58.3981, 74.9766, 54.5752



86.2456, 95.7779, 94.1771



73.8481, 81.6696, 55.0527



18.3058, 20.4264, 19.9001



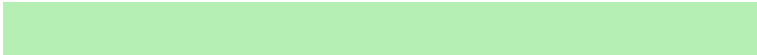
0.0000, 0.0000, 0.0000



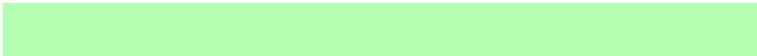
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3981, 74.9766, 54.5752



62.9237, 84.5893, 55.3941



60.8988, 75.9227, 70.1905



15.6154, 17.6819, 16.7396



17.1354, 34.1552, 5.6895



1.4428, 2.8503, 0.4741

Inverse Universe

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



66.8296, 56.8813, 89.1222



74.3630, 60.0319, 102.2757



63.8610, 55.7714, 69.9870



16.3982, 16.0025, 19.9461



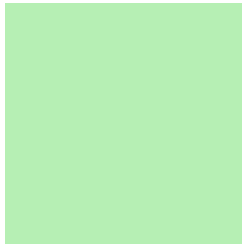
26.8280, 12.8357, 46.1914



2.2483, 1.0763, 3.8435

Previews

White Background



This preview shows how the XYZ color 58.3961, 74.9734, 54.5735 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 58.3961, 74.9734, 54.5735 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

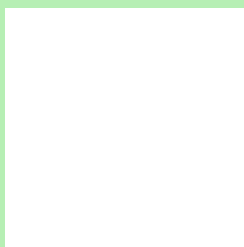
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3961, 74.9734, 54.5735

Background



This preview shows how black text looks on a background with the XYZ color 58.3961, 74.9734, 54.5735.



This preview shows how white text looks on a background with the XYZ color 58.3961, 74.9734,

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

58.3961, 74.9734, 54.5735

Protanopia

69.7951, 74.6792, 50.2711

Deuteranopia

75.0901, 74.0894, 59.0582



Tritanopia

67.4882, 74.8403, 99.6955

Trichromacy



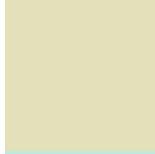
Original Color

58.3961, 74.9734, 54.5735



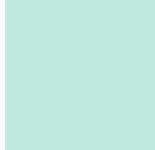
Protanomaly

64.7692, 74.0786, 51.9592



Deuteranomaly

67.5135, 73.3505, 57.0541



Tritanomaly

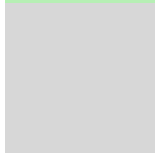
63.6934, 74.5527, 80.8451

Monochromacy



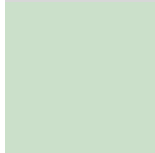
Original Color

58.3961, 74.9734, 54.5735



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.9449, 70.2721, 66.1761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3961, 74.9734, 54.5735 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, 239, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 239, 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(182, 239, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 239, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.3961, 74.9734, 54.5735 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, 239, 180) }
```


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

```
.border{ border-color:rgb(182, 239, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 239, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 239, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 239, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 239,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3961, 74.9734, 54.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 239, 180) }
```

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

```
.background{ background-color: rgb(182,  
239, 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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