

Converting Colors

XYZ(58.1162, 72.2645, 54.0654)

Have a look what the booklet for
XYZ(58.1162, 72.2645, 54.0654)
contains.

XYZ(58.1162, 72.2645, 54.0654)	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(58.1162, 72.2645,
54.0654)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE9B4
RGB	188, 233, 180
RGB Percent	74%, 91%, 71%
CMY	0.2627, 0.0863, 0.2941
CMYK	0.19, 0.00, 0.23, 0.09
HSL	111°, 55%, 81%
HSV	111°, 23%, 91%
XYZ	58.1162, 72.2645, 54.0654
YIQ	213.5030, -9.8070, -26.0230

Conversions

Conversions Part 2

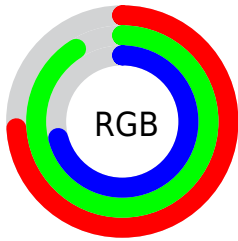
Format	Color
RYB	180, 233, 225
Decimal	12380596
CIELab	88.10, -24.31, 21.10
CIELCh	88, 32.189, 139.038
Yxy	72.2645, 0.3151, 0.3918
Android (android.graphics.Color)	4290570676 (0xFFBCE9B4)
YUV	213.5030, -16.5170, -22.3661
Hunter-Lab	85.0085, -26.7332, 21.7975

Details

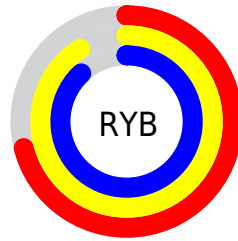
The XYZ color **58.1162, 72.2645, 54.0654** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.0835, 54.5353, 84.3488**, and the grayscale version is **63.6963, 67.0135, 72.9777**.

A 20% lighter version of the original color is **88.5565, 96.9886, 93.4101**, and **29.3844, 38.0449, 25.8734** is the 20% darker color. If you saturate the color by 10%, you get **51.3954, 69.0535, 42.3847**, and if you desaturate by 10%, it is **65.9080, 75.9857, 67.8821**.

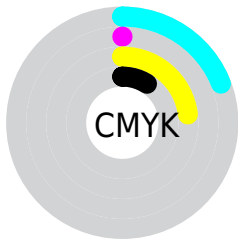
Distribution



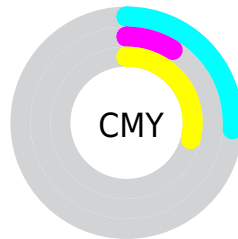
- Red (74%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1162, 72.2645, 54.0654 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 58.1162, 72.2645, 54.0654 by changing the saturation by 10% instead.

■ 58.1162, 72.2645,
54.0654

■ 58.1162, 72.2645,
54.0654

407.5657,
468.4617, 419.5410

■ 42.1457, 53.3748,
38.2604

■ 101.2140,
122.4325, 97.6276

■ 29.4070, 38.1020,
25.8815

129.0721,
154.4796, 126.2220

■ 19.5348, 26.0619,
16.5100

161.6234,
191.6812, 159.9165

■ 12.1636, 16.8699,
9.7275

199.2333,
234.4218, 199.1298

■ 6.9282, 10.1418,
5.1154

242.2671,
283.0858, 244.2803

■ 3.4632, 5.4931,
2.2552


291.0902,

■ 1.4032, 2.5394,


338.0575, 295.7867


0.7060


346.0679,
399.7213, 354.0674


 0.2585, 0.8963,
0.0000


 0.0000, 0.0000,
0.0000


 58.1162, 72.2645,
54.0654


 58.1162, 72.2645,
54.0654


 51.3954, 69.0535,
42.3847


 65.9080, 75.9857,
67.8821


 45.6930, 66.3216,
32.7289

 74.8091, 80.2285,
83.9289

 40.9604, 64.0484,
24.9843

 84.8630, 85.0152,
102.3000

 37.1426, 62.2082,
19.0238

 88.4304, 86.7607,
106.6935

■ 34.1792, 60.7731,
14.7051

■ 32.0021, 59.7114,
11.8640

■ 30.5322, 58.9867,
10.3025

■ 29.8391, 58.6409,
9.7462

Harmonies

Analogous

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



63.9753, 72.2645, 45.0652



58.1162, 72.2645, 54.0654



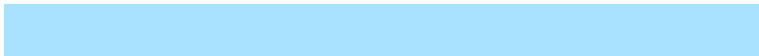
55.1707, 72.2645, 70.9047

Triad

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



58.1162, 72.2645, 54.0654



65.9124, 72.2645, 127.9949



83.6282, 72.2645, 65.6662

Complementary

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



58.1162, 72.2645, 54.0654



62.0835, 54.5353, 84.3488

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.



84.2441, 72.2645, 87.0120



58.1162, 72.2645, 54.0654



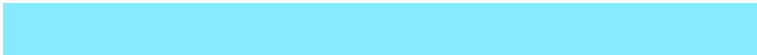
73.6209, 72.2645, 125.8723

Square

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



58.1162, 72.2645, 54.0654



59.4431, 72.2645, 115.1786



80.4638, 72.2645, 109.8283



78.8389, 72.2645, 50.8485

Rectangle

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



58.1162, 72.2645, 54.0654



55.0962, 72.2645, 85.5233



80.4638, 72.2645, 109.8283



84.3429, 72.2645, 72.2189

Sweetspot

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



58.1181, 72.2676, 54.0670



86.9502, 96.1412, 94.2100



68.5461, 74.0233, 53.8562



18.4684, 20.5102, 19.9077



0.0000, 0.0000, 0.0000



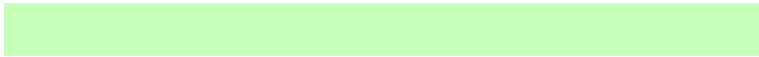
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1181, 72.2676, 54.0670



67.5448, 86.8800, 59.7476



58.1182, 72.0462, 64.0697



15.0799, 16.9712, 15.9997



16.9946, 33.3055, 5.5329



1.3995, 2.6488, 0.4375

Inverse Universe

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



62.0835, 54.5353, 84.3488



73.1605, 61.7433, 102.6694



62.2367, 54.8915, 71.8324



15.4785, 15.1919, 19.0388



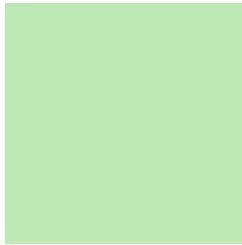
21.6200, 10.1814, 44.5687



1.7582, 0.8307, 3.5025

Previews

White Background



This preview shows how the XYZ color 58.1162, 72.2645, 54.0654 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 58.1162, 72.2645, 54.0654 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

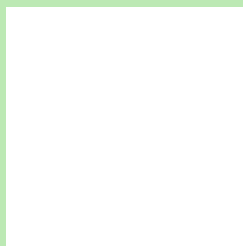
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1162, 72.2645, 54.0654

Background



This preview shows how black text looks on a background with the XYZ color 58.1162, 72.2645, 54.0654.

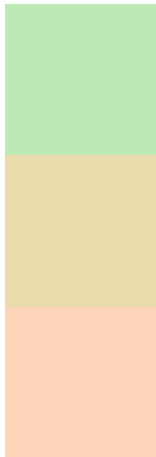


This preview shows how white text looks on a background with the XYZ color 58.1162, 72.2645,

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

58.1162, 72.2645, 54.0654

Protanopia

67.4941, 71.9046, 50.3660

Deuteranopia

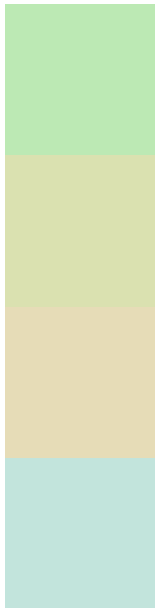
73.0683, 71.6185, 55.3200



Tritanopia

66.3916, 72.3273, 95.2554

Trichromacy



Original Color

58.1162, 72.2645, 54.0654

Protanomaly

63.6751, 71.8904, 51.5945

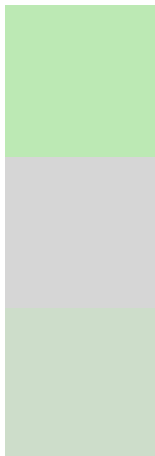
Deuteranomaly

66.7736, 71.4283, 55.0674

Tritanomaly

62.9098, 72.1234, 78.3157

Monochromacy



Original Color

58.1162, 72.2645, 54.0654

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

61.6940, 68.9563, 65.9354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1162, 72.2645, 54.0654 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(188, 233, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 233, 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(188, 233, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 233, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.1162, 72.2645, 54.0654 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(188, 233, 180) }
```


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

```
.border{ border-color:rgb(188, 233, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 233, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 233, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 233, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 233,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1162, 72.2645, 54.0654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 233, 180) }
```

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

```
.background{ background-color: rgb(188,  
233, 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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