

Converting Colors

XYZ(59.9190, 76.3033, 56.9269)

Have a look what the booklet for
XYZ(59.9190, 76.3033, 56.9269)
contains.

XYZ(59.8194, 76.0952, 56.8824)	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(59.8194, 76.0952,
56.8824)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F0B8
RGB	185, 240, 184
RGB Percent	73%, 94%, 72%
CMY	0.2745, 0.0588, 0.2784
CMYK	0.23, 0.00, 0.23, 0.06
HSL	119°, 65%, 83%
HSV	119°, 23%, 94%
XYZ	59.8194, 76.0952, 56.8824
YIQ	217.1710, -14.8040, -29.0760

Conversions

Conversions Part 2

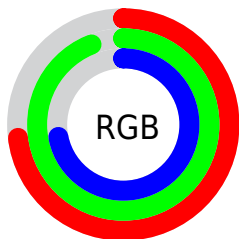
Format	Color
RYB	184, 240, 239
Decimal	12185784
CIELab	89.90, -27.99, 21.51
CIELCh	90, 35.306, 142.456
Yxy	76.0952, 0.3103, 0.3947
Android (android.graphics.Color)	4290375864 (0xFFB9F0B8)
YUV	217.1710, -16.3533, -28.2140
Hunter-Lab	87.2326, -30.2513, 22.4011

Details

The XYZ color **59.8194, 76.0952, 56.8824** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.4685, 58.9252, 90.2071**, and the grayscale version is **66.1882, 69.6351, 75.8326**.

A 20% lighter version of the original color is **88.1061, 96.6885, 96.4571**, and **30.5973, 40.7450, 27.7246** is the 20% darker color. If you saturate the color by 10%, you get **52.2914, 72.4830, 44.4930**, and if you desaturate by 10%, it is **68.7211, 80.3706, 71.5673**.

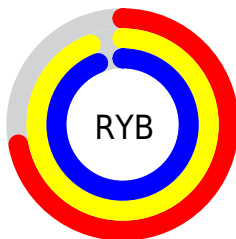
Distribution



Red (73%)

Green (94%)

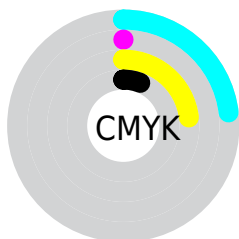
Blue (72%)



Red (72%)

Yellow (94%)

Blue (94%)

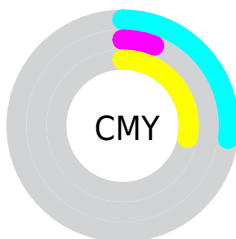


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (6%)



Cyan (27%)

Magenta (6%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8194, 76.0952, 56.8824 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 59.8194, 76.0952, 56.8824 by changing the saturation by 10% instead.

■ 59.8194, 76.0952,
56.8824

■ 59.8194, 76.0952,
56.8824

413.7772,
481.6735, 430.4899

■ 43.5220, 56.5106,
40.5021

■ 103.6755,
127.8615, 101.7922

■ 30.4912, 40.6124,
27.6135

131.9648,
160.8119, 131.1588

■ 20.3616, 28.0164,
17.7980

164.9823,
198.9864, 165.6912

■ 12.7680, 18.3380,
10.6371

203.0930,
242.7693, 205.8080

■ 7.3449, 11.1929,
5.7123

246.6626,
292.5451, 251.9278

■ 3.7269, 6.1968,
2.6050

296.0562,

■ 1.5488, 2.9651,

348.6982, 304.4690

0.8950

351.6393,
411.6128, 363.8501

■ 0.3587, 1.1135,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8194, 76.0952,
56.8824

■ 59.8194, 76.0952,
56.8824

■ 52.2914, 72.4830,
44.4930

■ 68.7211, 80.3706,
71.5673

■ 46.0631, 69.4919,
34.2784

■ 79.0536, 85.3298,
88.6500

■ 41.0627, 67.0896,
26.1147

■ 90.4516, 90.8032,
107.3672

■ 37.2091, 65.2373,
19.8635

■ 34.4113, 63.8916,
15.3691

■ 32.5648, 63.0024,
12.4517

■ 31.5435, 62.5093,
10.8931

■ 31.2152, 62.3509,
10.3897

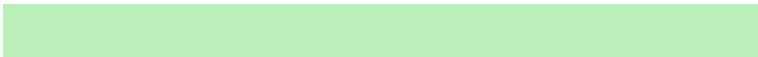
Harmonies

Analogous

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



66.1035, 76.0952, 45.9015



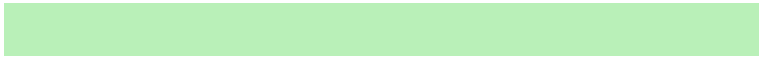
59.8194, 76.0952, 56.8824



56.9326, 76.0952, 76.7035

Triad

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



59.8194, 76.0952, 56.8824



70.1452, 76.0952, 140.2175



88.9706, 76.0952, 65.8189

Complementary

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



59.8194, 76.0952, 56.8824



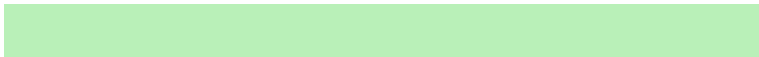
68.4685, 58.9252, 90.2071

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.



90.2711, 76.0952, 89.3263



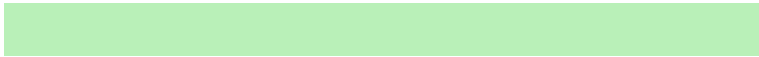
59.8194, 76.0952, 56.8824



78.9277, 76.0952, 135.6826

Square

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



59.8194, 76.0952, 56.8824



62.5742, 76.0952, 127.1034



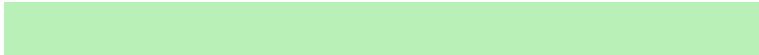
86.4650, 76.0952, 115.7289



83.0422, 76.0952, 50.2908

Rectangle

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



59.8194, 76.0952, 56.8824



57.1457, 76.0952, 93.6595



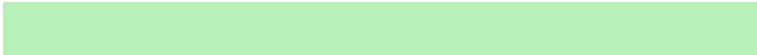
86.4650, 76.0952, 115.7289



89.9818, 76.0952, 72.9146

Sweetspot

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



59.8214, 76.0984, 56.8841



86.1497, 95.7285, 94.1726



75.2037, 83.2167, 57.4473



18.2837, 20.4150, 19.8991



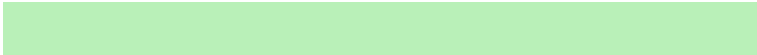
0.0000, 0.0000, 0.0000



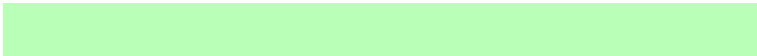
20.3446, 21.4041, 23.3091

Same Dimension

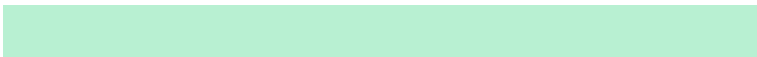
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8214, 76.0984, 56.8841



64.3470, 85.2625, 58.1937



62.5792, 77.1738, 72.6600



15.5920, 17.6698, 16.7385



17.0985, 34.1362, 5.6878



1.4316, 2.8445, 0.4736

Inverse Universe

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



68.4685, 58.9252, 90.2071



75.8805, 62.3542, 102.6440



65.1989, 57.6564, 71.2240



16.4248, 16.0162, 19.9474



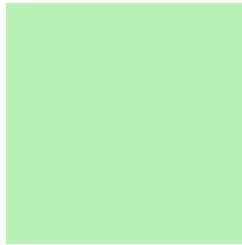
27.5079, 13.1863, 46.2232



2.2972, 1.1015, 3.8458

Previews

White Background



This preview shows how the XYZ color 59.8194, 76.0952, 56.8824 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 59.8194, 76.0952, 56.8824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

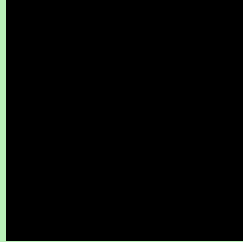
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8194, 76.0952, 56.8824

Background



This preview shows how black text looks on a background with the XYZ color 59.8194, 76.0952, 56.8824.

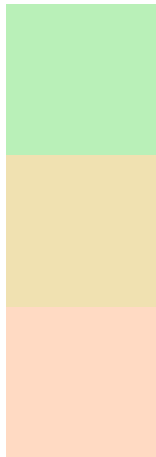


This preview shows how white text looks on a background with the XYZ color 59.8194, 76.0952,

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

59.8194, 76.0952, 56.8824

Protanopia

70.7962, 75.5500, 52.4462

Deuteranopia

76.1617, 75.3429, 62.1582



Tritanopia

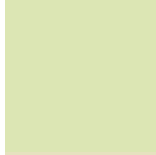
68.5962, 75.7897, 101.4560

Trichromacy



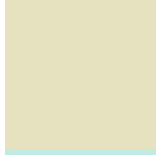
Original Color

59.8194, 76.0952, 56.8824



Protanomaly

66.0502, 75.1046, 54.1954



Deuteranomaly

69.2335, 74.9773, 60.1133



Tritanomaly

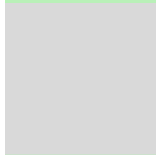
64.8885, 75.5431, 83.1128

Monochromacy



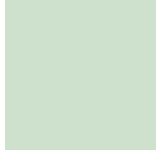
Original Color

59.8194, 76.0952, 56.8824



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.1215, 71.2373, 68.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8194, 76.0952, 56.8824 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(185, 240, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 240, 184)  
}
```

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(185, 240, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 240, 184) }
```

Border

The CSS property to change the border of an element to XYZ 59.8194, 76.0952, 56.8824 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(185, 240, 184) }
```


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

```
.border{ border-color:rgb(185, 240, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 240, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 240, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 240, 184); box-shadow:4px 4px 4px 4px rgb(185, 240, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8194, 76.0952, 56.8824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 240, 184) }
```

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

```
.background{ background-color: rgb(185,  
240, 184) }
```

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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