

Converting Colors

XYZ(58.2494, 71.7538, 61.2319)

Have a look what the booklet for
XYZ(58.2494, 71.7538, 61.2319)
contains.

XYZ(58.2494, 71.7538, 61.2319)	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(58.2494, 71.7538,
61.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E8C1
RGB	184, 232, 193
RGB Percent	72%, 91%, 76%
CMY	0.2784, 0.0902, 0.2431
CMYK	0.21, 0.00, 0.17, 0.09
HSL	131°, 51%, 82%
HSV	131°, 21%, 91%
XYZ	58.2494, 71.7538, 61.2319
YIQ	213.2020, -16.0890, -22.3050

Conversions

Conversions Part 2

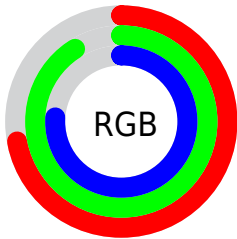
Format	Color
RYB	184, 224, 232
Decimal	12118209
CIELab	87.85, -22.92, 13.97
CIELCh	88, 26.844, 148.644
Yxy	71.7538, 0.3046, 0.3752
Android (android.graphics.Color)	4290308289 (0xFFB8E8C1)
YUV	213.2020, -9.9596, -25.6102
Hunter-Lab	84.7076, -25.4924, 16.4369

Details

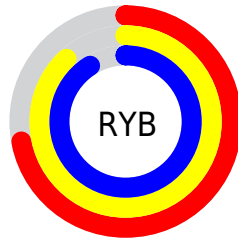
The XYZ color **58.2494, 71.7538, 61.2319** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.7409, 56.7661, 77.4126**, and the grayscale version is **63.4549, 66.7595, 72.7011**.

A 20% lighter version of the original color is **89.1345, 97.0603, 103.6592**, and **29.3915, 37.6606, 30.1462** is the 20% darker color. If you saturate the color by 10%, you get **51.1706, 68.3343, 50.6147**, and if you desaturate by 10%, it is **66.5116, 75.7565, 73.3067**.

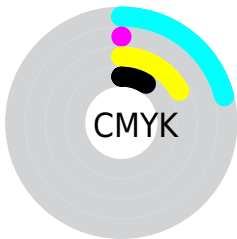
Distribution



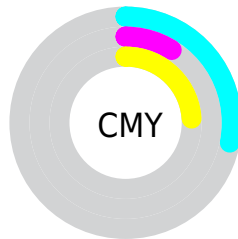
- Red (72%)
- Green (91%)
- Blue (76%)



- Red (72%)
- Yellow (88%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)





- Cyan (28%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2494, 71.7538, 61.2319 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 58.2494, 71.7538, 61.2319 by changing the saturation by 10% instead.


 58.2494, 71.7538,
61.2319

 58.2494, 71.7538,
61.2319


408.0535,
466.6842, 447.0538

 42.2532, 52.9576,
43.9806


 101.4068,
121.7064, 108.1754

 29.4916, 37.7689,
30.3182


129.2988,
153.6316, 138.7047

 19.5992, 25.8034,
19.8261


161.8867,
190.7020, 174.4971

 12.2106, 16.6766,
12.0859

199.5360,
233.3018, 215.9711

 6.9605, 10.0042,
6.6789

242.6120,
281.8156, 263.5452

 3.4835, 5.4017,
3.1868


291.4800,


 1.4143, 2.4848,


336.6276, 317.6380


1.1908


346.5054,
398.1224, 378.6680


 0.2664, 0.8690,
0.0000


 0.0000, 0.0000,
0.0000


 58.2494, 71.7538,
61.2319

 58.2494, 71.7538,
61.2319


 51.1706, 68.3343,
50.6147


 66.5116, 75.7565,
73.3067


 45.2149, 65.4619,
41.3954

 76.0023, 80.3584,
86.8864

 40.3256, 63.1107,
33.5170

 86.7712, 85.5861,
102.0221

 36.4384, 61.2488,
26.9169

 88.1480, 86.1960,
106.5993

■ 33.4820, 59.8409,
21.5275

■ 31.3756, 58.8470,
17.2748

■ 30.0237, 58.2195,
14.0768

■ 29.3033, 57.8941,
11.9642

Harmonies

Analogous

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



62.4855, 71.7538, 51.1681



58.2494, 71.7538, 61.2319



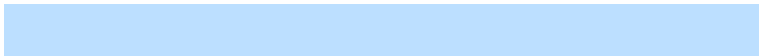
56.6541, 71.7538, 77.2991

Triad

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



58.2494, 71.7538, 61.2319



67.9099, 71.7538, 118.7863



79.5447, 71.7538, 62.4644

Complementary

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



58.2494, 71.7538, 61.2319



63.7409, 56.7661, 77.4126

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.



81.2164, 71.7538, 78.9622



58.2494, 71.7538, 61.2319



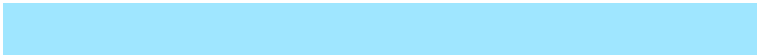
74.2523, 71.7538, 113.2028

Square

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



58.2494, 71.7538, 61.2319



62.0123, 71.7538, 112.1413



79.2234, 71.7538, 97.8765



74.7858, 71.7538, 51.7978

Rectangle

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



58.2494, 71.7538, 61.2319



57.2220, 71.7538, 89.9085



79.2234, 71.7538, 97.8765



80.4989, 71.7538, 67.4237

Sweetspot

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



58.2513, 71.7568, 61.2335



87.7060, 96.4378, 98.4447



68.0043, 76.8972, 56.6066



18.6089, 20.5623, 20.8366



0.0000, 0.0000, 0.0000



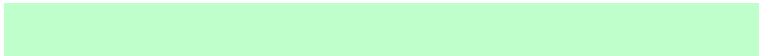
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2513, 71.7568, 61.2335



68.1125, 86.9503, 69.8200



61.1244, 72.9060, 76.3626



14.2992, 16.1331, 15.8402



16.3012, 32.1526, 6.8204



1.2362, 2.3886, 0.6705

Inverse Universe

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



63.7409, 56.7661, 77.4126



76.1101, 65.1046, 93.3863



60.7534, 55.5711, 61.6804



14.8731, 14.5664, 17.5322



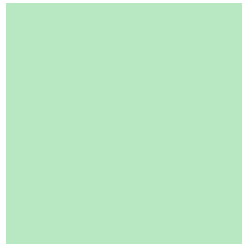
23.5883, 11.5695, 27.7908



1.7732, 0.8670, 2.2120

Previews

White Background



This preview shows how the XYZ color 58.2494, 71.7538, 61.2319 looks on a white background.

Color Contrast Check

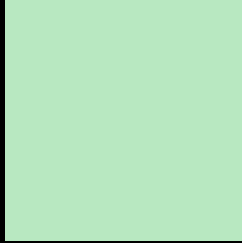
Large Text (above 18pt) WCAG AA × Fail

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 58.2494, 71.7538, 61.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

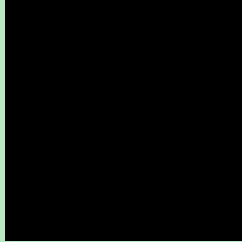
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

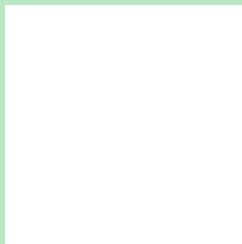
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2494, 71.7538, 61.2319

Background



This preview shows how black text looks on a background with the XYZ color 58.2494, 71.7538, 61.2319.

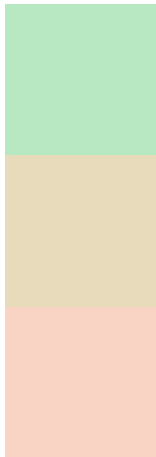


This preview shows how white text looks on a background with the XYZ color 58.2494, 71.7538,

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

58.2494, 71.7538, 61.2319

Protanopia

67.2562, 71.2398, 57.2196

Deuteranopia

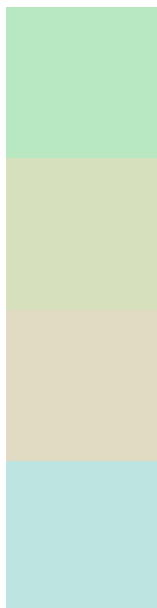
72.6884, 71.2579, 62.7464



Tritanopia

65.0952, 71.6589, 95.1947

Trichromacy



Original Color

58.2494, 71.7538, 61.2319

Protanomaly

63.5725, 71.2816, 58.5522

Deuteranomaly

66.3467, 70.6561, 62.3657

Tritanomaly

62.5692, 71.8702, 81.8087

Monochromacy



Original Color

58.2494, 71.7538, 61.2319

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.0909, 68.1992, 68.3364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2494, 71.7538, 61.2319 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(184, 232, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 232, 193)  
}
```

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(184, 232, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 232, 193) }
```

Border

The CSS property to change the border of an element to XYZ 58.2494, 71.7538, 61.2319 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(184, 232, 193) }
```


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

```
.border{ border-color:rgb(184, 232, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 232, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 232, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 232, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 232,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2494, 71.7538, 61.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 232, 193) }
```

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

```
.background{ background-color: rgb(184,  
232, 193) }
```

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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