

Converting Colors

XYZ(60.1488, 72.4415, 60.0530)

Have a look what the booklet for
XYZ(60.1488, 72.4415, 60.0530)
contains.

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Color

**XYZ(59.9722, 72.2509,
60.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E7BF
RGB	193, 231, 191
RGB Percent	76%, 91%, 75%
CMY	0.2431, 0.0941, 0.2510
CMYK	0.16, 0.00, 0.17, 0.09
HSL	117°, 45%, 83%
HSV	117°, 17%, 91%
XYZ	59.9722, 72.2509, 60.0752
YIQ	215.0780, -9.8080, -20.4960

Conversions

Conversions Part 2

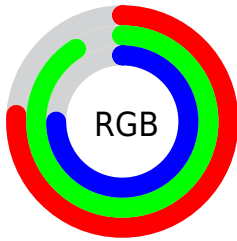
Format	Color
RYB	191, 231, 229
Decimal	12707775
CIELab	88.09, -19.81, 15.43
CIELCh	88, 25.107, 142.088
Yxy	72.2509, 0.3119, 0.3757
Android (android.graphics.Color)	4290897855 (0xFFC1E7BF)
YUV	215.0780, -11.8705, -19.3624
Hunter-Lab	85.0005, -22.8101, 17.5964

Details

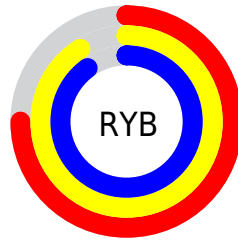
The XYZ color **59.9722, 72.2509, 60.0752** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.3708, 59.6913, 83.6813**, and the grayscale version is **64.7284, 68.0993, 74.1601**.

A 20% lighter version of the original color is **91.9728, 98.5594, 102.1721**, and **30.5649, 37.9839, 29.7654** is the 20% darker color. If you saturate the color by 10%, you get **52.4426, 68.6423, 47.4829**, and if you desaturate by 10%, it is **68.7369, 76.4541, 74.8213**.

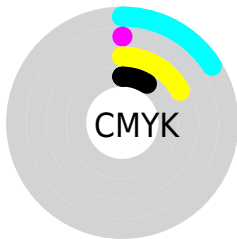
Distribution



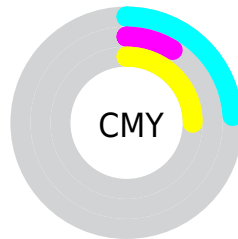
- Red (76%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9722, 72.2509, 60.0752 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 59.9722, 72.2509, 60.0752 by changing the saturation by 10% instead.

■ 59.9722, 72.2509,
60.0752

■ 59.9722, 72.2509,
60.0752

414.3317,
468.4144, 442.6872

■ 43.6456, 53.3637,
43.0536

■ 103.8959,
122.4132, 106.4832

■ 30.5887, 38.0932,
29.5954

132.2237,
154.4570, 136.7066

■ 20.4361, 26.0550,
19.2823

165.2827,
191.6551, 172.1677

■ 12.8226, 16.8648,
11.6955

203.4381,
234.3920, 213.2850

■ 7.3826, 10.1381,
6.4167

247.0554,
283.0520, 260.4771

■ 3.7510, 5.4906,
3.0272


296.4998,


■ 1.5622, 2.5379,


338.0194, 314.1625


1.1086


352.1368,
399.6788, 374.7597


 0.3676, 0.8956,
0.0000


 0.0000, 0.0000,
0.0000


 59.9722, 72.2509,
60.0752


 59.9722, 72.2509,
60.0752

 52.4426, 68.6423,
47.4829


 68.7369, 76.4541,
74.8213

 46.0872, 65.5927,
36.9393

 78.7825, 81.2672,
91.8102

 40.8483, 63.0770,
28.3373

 87.8674, 85.6347,
106.5058

 36.6616, 61.0643,
21.5587

■ 33.4557, 59.5209,
16.4720

■ 31.1507, 58.4087,
12.9283

■ 29.6539, 57.6837,
10.7530

■ 28.8503, 57.2915,
9.7158

■ 28.7227, 57.2296,
9.5326

Harmonies

Analogous

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



64.4277, 72.2509, 51.8691



59.9722, 72.2509, 60.0752



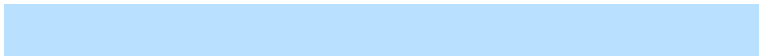
57.8744, 72.2509, 74.2110

Triad

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



59.9722, 72.2509, 60.0752



67.0976, 72.2509, 116.1136



79.9186, 72.2509, 66.8949

Complementary

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



59.9722, 72.2509, 60.0752



65.3708, 59.6913, 83.6813

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.



80.7361, 72.2509, 83.3019



59.9722, 72.2509, 60.0752



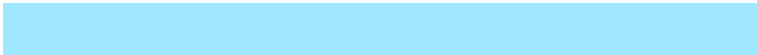
73.0994, 72.2509, 113.4010

Square

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



59.9722, 72.2509, 60.0752



61.8292, 72.2509, 107.6997



78.1756, 72.2509, 100.7507



76.0026, 72.2509, 55.3888

Rectangle

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



59.9722, 72.2509, 60.0752



58.0047, 72.2509, 85.7880



78.1756, 72.2509, 100.7507



80.5737, 72.2509, 71.9551

Sweetspot

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



59.9741, 72.2540, 60.0768



88.7478, 96.9805, 98.2430



70.3815, 76.7928, 60.4043



18.8132, 20.6703, 20.7198



0.0000, 0.0000, 0.0000



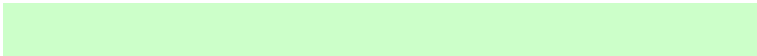
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9741, 72.2540, 60.0768



71.2921, 88.6135, 68.8829



61.5727, 72.8349, 71.1371



14.2556, 16.1233, 15.2652



16.1317, 32.0977, 5.3452



1.2157, 2.3841, 0.3961

Inverse Universe

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



65.3708, 59.6913, 83.6813



79.3040, 69.9594, 103.9315



63.5986, 59.0565, 71.0003



14.9202, 14.5766, 18.1715



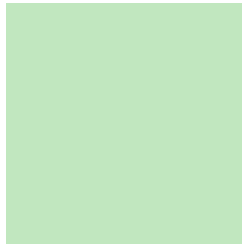
24.5730, 11.7337, 43.3529



1.8379, 0.8784, 3.2047

Previews

White Background



This preview shows how the XYZ color 59.9722, 72.2509, 60.0752 looks on a white background.

Color Contrast Check

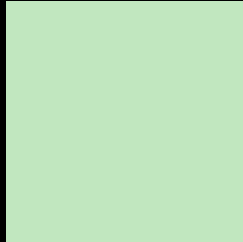
Large Text (above 18pt) WCAG AA × Fail

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 59.9722, 72.2509, 60.0752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

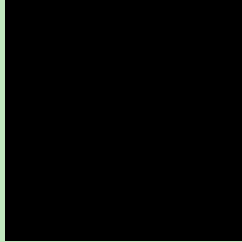
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

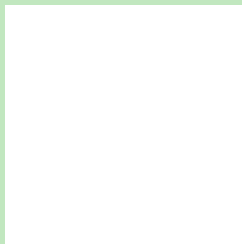
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9722, 72.2509, 60.0752

Background



This preview shows how black text looks on a background with the XYZ color 59.9722, 72.2509, 60.0752.

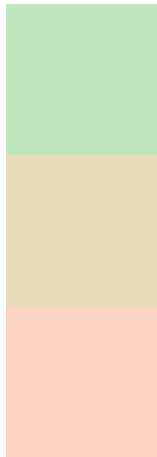


This preview shows how white text looks on a background with the XYZ color 59.9722, 72.2509, 60.0752.

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

59.9722, 72.2509, 60.0752

Protanopia

67.6289, 71.8450, 56.2020

Deuteranopia

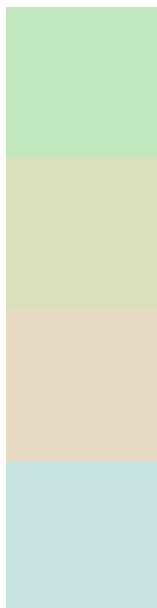
73.1775, 71.5363, 61.5808



Tritanopia

66.7701, 72.1396, 94.4096

Trichromacy



Original Color

59.9722, 72.2509, 60.0752

Protanomaly

64.5387, 71.8046, 57.4718

Deuteranomaly

67.7022, 71.3811, 61.2486

Tritanomaly

64.0771, 72.2716, 80.3846

Monochromacy



Original Color

59.9722, 72.2509, 60.0752

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.7292, 69.4345, 68.4885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9722, 72.2509, 60.0752 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(193, 231, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 231, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.9722, 72.2509, 60.0752 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, 191) }
```


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

```
.border{ border-color:rgb(193, 231, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 231, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 231, 191); box-shadow:4px 4px 4px 4px rgb(193, 231, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9722, 72.2509, 60.0752 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, 191) }
```

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

```
.background{ background-color: rgb(193,  
231, 191) }
```

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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