

Converting Colors

XYZ(60.7691, 73.1237, 62.2380)

Have a look what the booklet for
XYZ(60.7691, 73.1237, 62.2380)
contains.

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Color

**XYZ(60.5865, 72.9457,
61.9256)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E8C2
RGB	193, 232, 194
RGB Percent	76%, 91%, 76%
CMY	0.2431, 0.0902, 0.2392
CMYK	0.17, 0.00, 0.16, 0.09
HSL	122°, 46%, 83%
HSV	122°, 17%, 91%
XYZ	60.5865, 72.9457, 61.9256
YIQ	216.0070, -11.0460, -20.0860

Conversions

Conversions Part 2

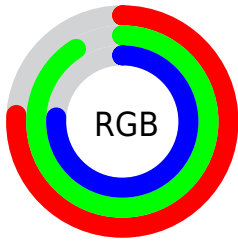
Format	Color
RYB	193, 231, 232
Decimal	12708034
CIELab	88.42, -19.78, 14.33
CIELCh	88, 24.430, 144.075
Yxy	72.9457, 0.3100, 0.3732
Android (android.graphics.Color)	4290898114 (0xFFC1E8C2)
YUV	216.0070, -10.8495, -20.1771
Hunter-Lab	85.4083, -22.8410, 16.7973

Details

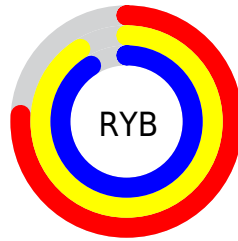
The XYZ color **60.5865, 72.9457, 61.9256** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.7750, 61.0669, 83.8722**, and the grayscale version is **65.3536, 68.7571, 74.8765**.

A 20% lighter version of the original color is **92.5969, 98.8090, 105.4585**, and **30.9064, 38.4331, 30.6003** is the 20% darker color. If you saturate the color by 10%, you get **52.7811, 69.1953, 49.3007**, and if you desaturate by 10%, it is **69.7099, 77.3351, 76.6311**.

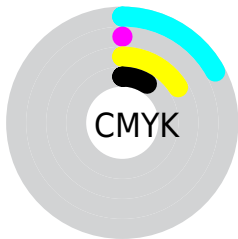
Distribution



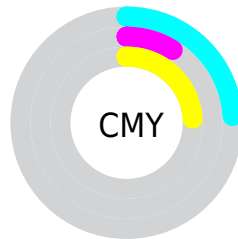
- Red (76%)
- Green (91%)
- Blue (76%)



- Red (76%)
- Yellow (91%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5865, 72.9457, 61.9256 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 60.5865, 72.9457, 61.9256 by changing the saturation by 10% instead.

60.5865, 72.9457,
61.9256

60.5865, 72.9457,
61.9256

416.5564,
470.8266, 449.6598

44.1428, 53.9316,
44.5372

104.7815,
123.4001, 109.1885

30.9812, 38.5470,
30.7528

133.2635,
155.6092, 139.9002

20.7363, 26.4075,
20.1538

166.4890,
192.9854, 175.8899

13.0427, 17.1287,
12.3217

204.8234,
235.9130, 217.5764

7.5352, 10.3263,
6.8380

248.6320,
284.7766, 265.3780

3.8483, 5.6158,
3.2841


298.2801,

1.6167, 2.6129,


339.9605, 319.7135


1.2414


354.1331,
401.8490, 381.0012


 0.4032, 0.9332,
0.0131


 0.0000, 0.0000,
0.0000


 60.5865, 72.9457,
61.9256


 60.5865, 72.9457,
61.9256


 52.7811, 69.1953,
49.3007


 69.7099, 77.3351,
76.6311

 46.2272, 66.0455,
38.6581

 80.2020, 82.3814,
93.5001

 40.8616, 63.4677,
29.8985

 88.1480, 86.1961,
106.5993

 36.6131, 61.4277,
22.9124

■ 33.4028, 59.8875,
17.5787

■ 31.1417, 58.8040,
13.7615

■ 29.7259, 58.1271,
11.3032

■ 29.0243, 57.7933,
10.0117

■ 28.8906, 57.7291,
9.7911

Harmonies

Analogous

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



64.8285, 72.9457, 53.4118



60.5865, 72.9457, 61.9256



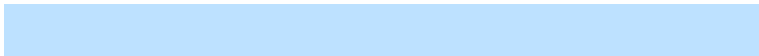
58.6988, 72.9457, 76.1346

Triad

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



60.5865, 72.9457, 61.9256



68.1739, 72.9457, 116.1209



80.1594, 72.9457, 66.9525

Complementary

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



60.5865, 72.9457, 61.9256



66.7750, 61.0669, 83.8722

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.



81.1791, 72.9457, 82.8098



60.5865, 72.9457, 61.9256



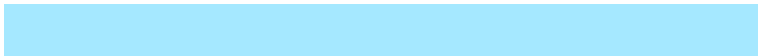
74.0408, 72.9457, 112.7534

Square

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



60.5865, 72.9457, 61.9256



62.9176, 72.9457, 108.5902



78.8825, 72.9457, 99.9459



76.1697, 72.9457, 56.0147

Rectangle

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



60.5865, 72.9457, 61.9256



58.9485, 72.9457, 87.5510



78.8825, 72.9457, 99.9459



80.8699, 72.9457, 71.8189

Sweetspot

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



60.5885, 72.9488, 61.9272



88.5777, 96.8871, 98.4921



71.5535, 78.6144, 61.8556



18.7720, 20.6478, 20.7800



0.0000, 0.0000, 0.0000



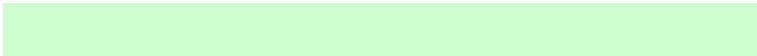
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5885, 72.9488, 61.9272



71.7186, 88.7801, 71.3093



62.8804, 73.8656, 73.9961



14.2042, 16.0951, 15.3403



16.0452, 32.0502, 5.4721



1.1910, 2.3705, 0.4324

Inverse Universe

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



66.7750, 61.0669, 83.8722



80.6729, 71.5817, 103.0719



64.2157, 60.0432, 70.3952



14.9783, 14.6085, 18.0862



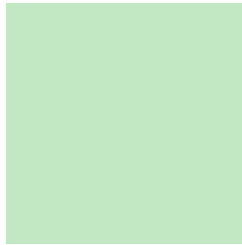
26.1073, 12.5771, 41.0554



1.9343, 0.9314, 3.0607

Previews

White Background



This preview shows how the XYZ color 60.5865, 72.9457, 61.9256 looks on a white background.

Color Contrast Check

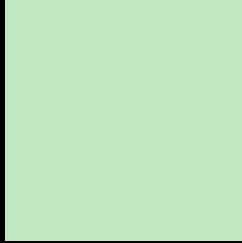
Large Text (above 18pt) WCAG AA × Fail

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 60.5865, 72.9457, 61.9256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

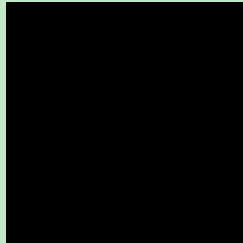
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5865, 72.9457, 61.9256

Background



This preview shows how black text looks on a background with the XYZ color 60.5865, 72.9457, 61.9256.



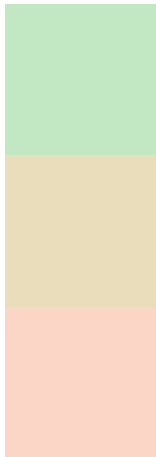
This preview shows how white text looks on a background with the XYZ color 60.5865, 72.9457,

61.9256.

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

60.5865, 72.9457, 61.9256

Protanopia

68.5378, 72.6674, 57.9908

Deuteranopia

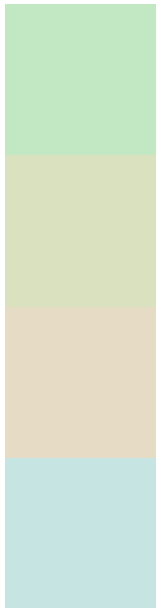
73.7710, 72.1749, 63.4691



Tritanopia

67.1903, 72.7390, 95.2927

Trichromacy



Original Color

60.5865, 72.9457, 61.9256

Protanomaly

65.1329, 72.4736, 59.2711

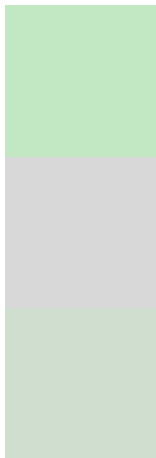
Deuteranomaly

68.3044, 72.0406, 63.1285

Tritanomaly

64.6227, 72.9288, 81.9049

Monochromacy



Original Color

60.5865, 72.9457, 61.9256

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5189, 70.2065, 69.8779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5865, 72.9457, 61.9256 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, 232, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 232, 194)  
}
```

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, 232, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 232, 194) }
```

Border

The CSS property to change the border of an element to XYZ 60.5865, 72.9457, 61.9256 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, 232, 194) }
```


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

```
.border{ border-color:rgb(193, 232, 194) }
```

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

Here you see how a box with a 4 pixel rgb(193, 232, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 232, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 232, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 232,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5865, 72.9457, 61.9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 232, 194) }
```

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

```
.background{ background-color: rgb(193,  
232, 194) }
```

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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