

Converting Colors

XYZ(60.6698, 68.8714, 60.8754)

Have a look what the booklet for
XYZ(60.6698, 68.8714, 60.8754)
contains.

XYZ(60.7607, 68.9750, 61.1500)	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(60.7607, 68.9750,
61.1500)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDEC2
RGB	204, 222, 194
RGB Percent	80%, 87%, 76%
CMY	0.2000, 0.1294, 0.2392
CMYK	0.08, 0.00, 0.13, 0.13
HSL	99°, 30%, 82%
HSV	99°, 13%, 87%
XYZ	60.7607, 68.9750, 61.1500
YIQ	213.4260, -1.7400, -12.5240

Conversions

Conversions Part 2

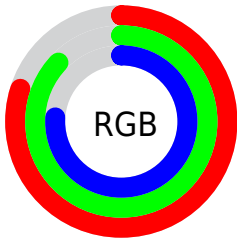
Format	Color
RYB	194, 222, 212
Decimal	13426370
CIELab	86.49, -11.05, 11.70
CIELCh	86, 16.094, 133.366
Yxy	68.9750, 0.3183, 0.3613
Android (android.graphics.Color)	4291616450 (0xFFCCDEC2)
YUV	213.4260, -9.5770, -8.2666
Hunter-Lab	83.0512, -14.7480, 14.4810

Details

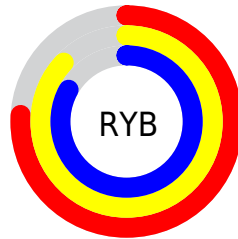
The XYZ color **60.7607, 68.9750, 61.1500** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.6308, 57.8565, 77.1355**, and the grayscale version is **63.5957, 66.9076, 72.8624**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **31.1300, 36.0149, 30.1218** is the 20% darker color. If you saturate the color by 10%, you get **54.7172, 66.1284, 48.8098**, and if you desaturate by 10%, it is **67.5391, 72.1614, 75.4718**.

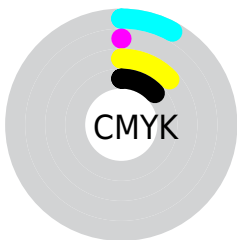
Distribution



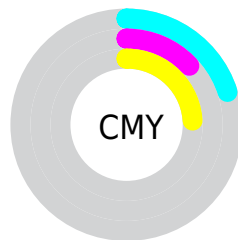
- Red (80%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7607, 68.9750, 61.1500 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 60.7607, 68.9750, 61.1500 by changing the saturation by 10% instead.

60.7607, 68.9750,
61.1500

60.7607, 68.9750,
61.1500

417.1860,
456.9428, 446.7455

44.2839, 50.6914,
43.9149

105.0325,
117.7459, 108.0557

31.0926, 35.9630,
30.2669

133.5581,
149.0019, 138.5635

20.8216, 24.4056,
19.7875

166.8307,
185.3508, 174.3324

13.1053, 15.6348,
12.0581

205.2157,
227.1770, 215.7813

7.5786, 9.2661,
6.6603

249.0783,
274.8649, 263.3284

3.8760, 4.9152,
3.1753

298.7840,

1.6322, 2.1976,

328.7989, 317.3925

1.1848

354.6981,
389.3634, 378.3920

0.4133, 0.7187,
0.0000

0.0000, 0.0000,
0.0000

60.7607, 68.9750,
61.1500

60.7607, 68.9750,
61.1500

54.7172, 66.1284,
48.8098

67.5391, 72.1614,
75.4718

49.3769, 63.6011,
38.3597

75.0713, 75.6897,
91.8524

44.7140, 61.3840,
29.7073

82.4674, 79.2070,
105.5497

40.6988, 59.4639,
22.7511

85.4127, 80.7254,
105.6876

■ 37.2992, 57.8267,
17.3792

■ 34.4799, 56.4570,
13.4665

■ 32.2013, 55.3375,
10.8687

■ 30.4176, 54.4483,
9.4123

■ 29.3698, 53.9193,
8.8595

Harmonies

Analogous

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



63.9162, 68.9750, 56.8542



60.7607, 68.9750, 61.1500



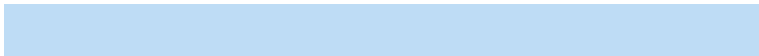
58.9302, 68.9750, 69.3798

Triad

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



60.7607, 68.9750, 61.1500



63.5289, 68.9750, 96.5296



72.7798, 68.9750, 70.4574

Complementary

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



60.7607, 68.9750, 61.1500



59.6308, 57.8565, 77.1355

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.



72.6664, 68.9750, 81.1306



60.7607, 68.9750, 61.1500



67.2291, 68.9750, 96.8880

Square

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



60.7607, 68.9750, 61.1500



60.4865, 68.9750, 90.0922



70.6028, 68.9750, 91.0296



70.9068, 68.9750, 61.8743

Rectangle

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



60.7607, 68.9750, 61.1500



58.6628, 68.9750, 76.3134



70.6028, 68.9750, 91.0296



72.9748, 68.9750, 73.9036

Sweetspot

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



60.7626, 68.9780, 61.1515



91.0793, 98.1377, 100.3683



63.3415, 66.3813, 60.5144



19.3389, 20.9324, 21.1505



0.0000, 0.0000, 0.0000



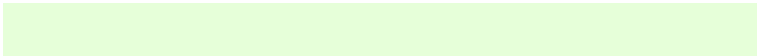
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7626, 68.9780, 61.1515



81.0161, 93.4073, 79.2347



58.5338, 67.7799, 63.2641



13.9883, 15.5742, 14.5756



17.5544, 32.0821, 5.2673



1.3120, 2.2729, 0.3696

Inverse Universe

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



59.6308, 57.8565, 77.1355



79.1910, 75.4780, 105.0026



62.1084, 59.1909, 74.6676



13.7954, 13.6781, 17.3007



14.6575, 6.6515, 41.5597



1.1124, 0.5108, 2.8852

Previews

White Background



This preview shows how the XYZ color 60.7607, 68.9750, 61.1500 looks on a white background.

Color Contrast Check

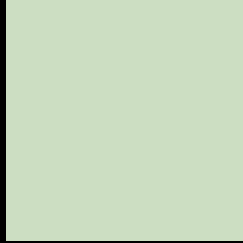
Large Text (above 18pt) WCAG AA × Fail

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 60.7607, 68.9750, 61.1500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

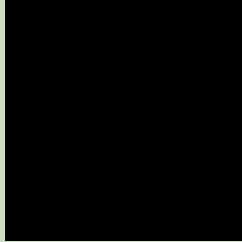
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

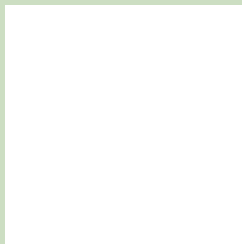
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7607, 68.9750, 61.1500

Background



This preview shows how black text looks on a background with the XYZ color 60.7607, 68.9750, 61.1500.



This preview shows how white text looks on a background with the XYZ color 60.7607, 68.9750,

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

60.7607, 68.9750, 61.1500

Protanopia

65.3239, 69.0421, 59.1737

Deuteranopia

69.9421, 68.3761, 62.3349



Tritanopia

65.8422, 68.6966, 86.8803

Trichromacy



Original Color

60.7607, 68.9750, 61.1500

Protanomaly

63.4993, 68.8540, 59.8126

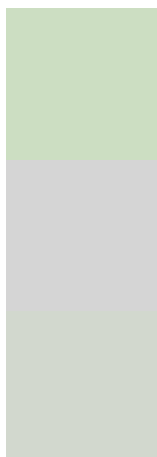
Deuteranomaly

66.0712, 68.2320, 61.9123

Tritanomaly

63.8700, 68.6672, 76.9056

Monochromacy



Original Color

60.7607, 68.9750, 61.1500

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2748, 67.2696, 68.0946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7607, 68.9750, 61.1500 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(204, 222, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 222, 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(204, 222, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 222, 194) }
```

Border

The CSS property to change the border of an element to XYZ 60.7607, 68.9750, 61.1500 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(204, 222, 194) }
```


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

```
.border{ border-color:rgb(204, 222, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 222, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 222, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 222, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 222,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7607, 68.9750, 61.1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 222, 194) }
```

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

```
.background{ background-color: rgb(204,  
222, 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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