

Converting Colors

XYZ(60.6520, 68.9952, 57.6977)

Have a look what the booklet for
XYZ(60.6520, 68.9952, 57.6977)
contains.

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Color

**XYZ(60.6520, 68.9952,
57.6977)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDEBC
RGB	206, 222, 188
RGB Percent	81%, 87%, 74%
CMY	0.1922, 0.1294, 0.2627
CMYK	0.07, 0.00, 0.15, 0.13
HSL	88°, 34%, 80%
HSV	88°, 15%, 87%
XYZ	60.6520, 68.9952, 57.6977
YIQ	213.3400, 1.3780, -13.9660

Conversions

Conversions Part 2

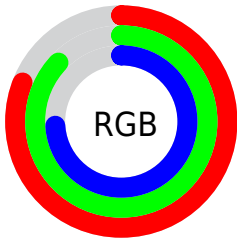
Format	Color
R _{YB}	188, 222, 204
Decimal	13557436
CIE Lab	86.50, -11.35, 14.88
CIE LCh	87, 18.718, 127.333
Yxy	68.9952, 0.3237, 0.3683
Android (android.graphics.Color)	4291747516 (0xFFCEDEBC)
YUV	213.3400, -12.4926, -6.4372
Hunter-Lab	83.0633, -15.0220, 16.9602

Details

The XYZ color **60.6520, 68.9952, 57.6977** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.0726, 54.0797, 76.5940**, and the grayscale version is **63.5555, 66.8653, 72.8163**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **31.1408, 36.0621, 28.2411** is the 20% darker color. If you saturate the color by 10%, you get **55.6360, 66.6670, 45.9166**, and if you desaturate by 10%, it is **66.2328, 71.5761, 71.4298**.

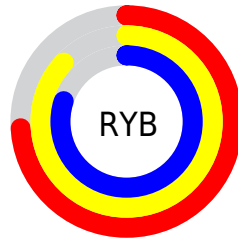
Distribution



Red (81%)

Green (87%)

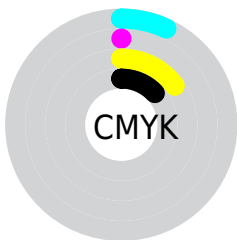
Blue (74%)



Red (74%)

Yellow (87%)

Blue (80%)

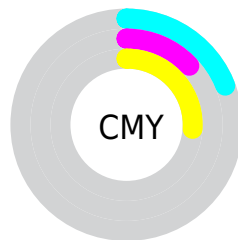


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (19%)

Magenta (13%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6520, 68.9952, 57.6977 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 60.6520, 68.9952, 57.6977 by changing the saturation by 10% instead.

■ 60.6520, 68.9952,
57.6977

■ 60.6520, 68.9952,
57.6977

416.7932,
457.0140, 433.6253

■ 44.1958, 50.7078,
41.1526

■ 104.8759,
117.7747, 102.9929

■ 31.0231, 35.9761,
28.1177

133.3743,
149.0356, 132.5801

■ 20.7683, 24.4158,
18.1746

166.6175,
185.3898, 167.3517

■ 13.0663, 15.6423,
10.9047

204.9709,
227.2217, 207.7263

■ 7.5515, 9.2714,
5.8894

248.7998,
274.9157, 254.1225

■ 3.8587, 4.9186,
2.7103

298.4696,

■ 1.6225, 2.1996,

328.8561, 306.9586

0.9486

354.3456,
389.4275, 366.6534

■ 0.4070, 0.7198,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6520, 68.9952,
57.6977

■ 60.6520, 68.9952,
57.6977

■ 55.6360, 66.6670,
45.9166

■ 66.2328, 71.5761,
71.4298

■ 51.1587, 64.5739,
35.9935

■ 72.3922, 74.4089,
87.1912

■ 47.2001, 62.7096,
27.8346

■ 79.1502, 77.5043,
105.0615

■ 43.7366, 61.0643,
21.3360

■ 82.8121, 79.3847,
105.5658

■ 40.7423, 59.6272,
16.3829

■ 85.4127, 80.7253,
105.6876

■ 38.1884, 58.3863,
12.8461

■ 36.0421, 57.3279,
10.5753

■ 34.2637, 56.4356,
9.3859

■ 33.5282, 56.0630,
9.0541

Harmonies

Analogous

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



64.5198, 68.9952, 53.8489



60.6520, 68.9952, 57.6977



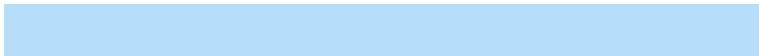
58.1836, 68.9952, 66.2954

Triad

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



60.6520, 68.9952, 57.6977



62.4180, 68.9952, 99.3735



74.1968, 68.9952, 72.1183

Complementary

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



60.6520, 68.9952, 57.6977



56.0726, 54.0797, 76.5940

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.



73.5735, 68.9952, 84.7037



60.6520, 68.9952, 57.6977



66.6474, 68.9952, 101.3733

Square

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



60.6520, 68.9952, 57.6977



59.1714, 68.9952, 90.5498



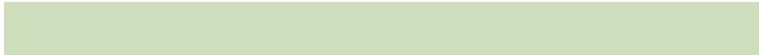
70.7635, 68.9952, 95.7472



72.4308, 68.9952, 61.5579

Rectangle

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



60.6520, 68.9952, 57.6977



57.5994, 68.9952, 74.0188



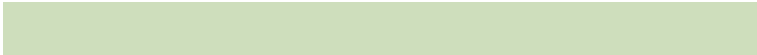
70.7635, 68.9952, 95.7472



74.2610, 68.9952, 76.2403

Sweetspot

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



60.6539, 68.9982, 57.6992



90.8912, 98.0854, 98.3433



60.7651, 62.2853, 56.3976



19.3328, 20.9382, 20.7441



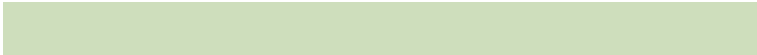
0.0000, 0.0000, 0.0000



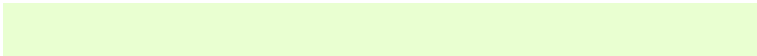
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6539, 68.9982, 57.6992



81.0149, 93.5189, 74.1675



56.2198, 66.7124, 57.4917



14.2179, 15.6925, 14.5864



20.0436, 33.3654, 5.3838



1.4925, 2.3659, 0.3780

Inverse Universe

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



56.0726, 54.0797, 76.5940



73.7344, 69.8096, 104.1961



60.9489, 56.5935, 76.8222



13.5624, 13.5580, 17.2898



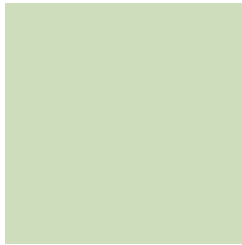
11.3823, 4.9631, 41.4064



0.8917, 0.3970, 2.8749

Previews

White Background



This preview shows how the XYZ color 60.6520, 68.9952, 57.6977 looks on a white background.

Color Contrast Check

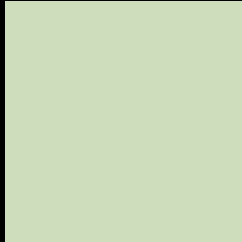
Large Text (above 18pt) WCAG AA × Fail

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 60.6520, 68.9952, 57.6977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

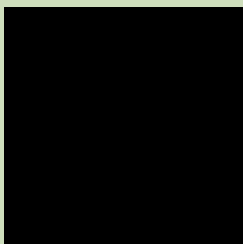
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

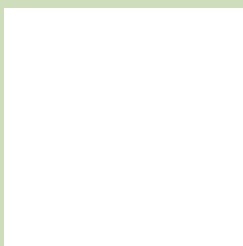
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6520, 68.9952, 57.6977

Background



This preview shows how black text looks on a background with the XYZ color 60.6520, 68.9952, 57.6977.



This preview shows how white text looks on a background with the XYZ color 60.6520, 68.9952,

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

60.6520, 68.9952, 57.6977

Protanopia

64.9914, 68.9454, 55.7813

Deuteranopia

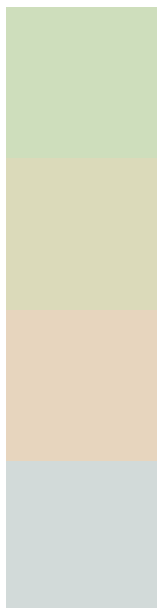
69.9659, 68.4662, 58.8179



Tritanopia

66.7044, 69.1411, 86.9207

Trichromacy



Original Color

60.6520, 68.9952, 57.6977

Protanomaly

63.1477, 68.7480, 56.3958

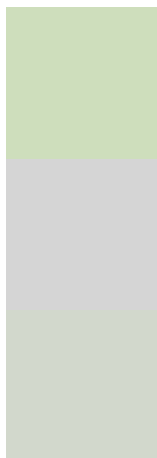
Deuteranomaly

66.0435, 68.2951, 58.4166

Tritanomaly

64.1741, 68.8542, 75.5535

Monochromacy



Original Color

60.6520, 68.9952, 57.6977

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.0333, 67.1730, 66.8229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6520, 68.9952, 57.6977 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(206, 222, 188)` looks like.

```
.text, #text, p{  
    color:rgb(206, 222, 188)  
}
```

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(206, 222, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 222, 188) }
```

Border

The CSS property to change the border of an element to XYZ 60.6520, 68.9952, 57.6977 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(206, 222, 188) }
```


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

```
.border{ border-color:rgb(206, 222, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 222, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 222, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 222, 188);  
box-shadow:4px 4px 4px 4px rgb(206, 222,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6520, 68.9952, 57.6977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 222, 188) }
```

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

```
.background{ background-color: rgb(206,  
222, 188) }
```

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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