

Converting Colors

XYZ(61.1514, 66.4643, 65.5918)

Have a look what the booklet for
XYZ(61.1514, 66.4643, 65.5918)
contains.

XYZ(60.9735, 66.2750, 65.4558)	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(60.9735, 66.2750,
65.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D7CA
RGB	208, 215, 202
RGB Percent	82%, 84%, 79%
CMY	0.1843, 0.1568, 0.2078
CMYK	0.03, 0.00, 0.06, 0.16
HSL	92°, 14%, 82%
HSV	92°, 6%, 84%
XYZ	60.9735, 66.2750, 65.4558
YIQ	211.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

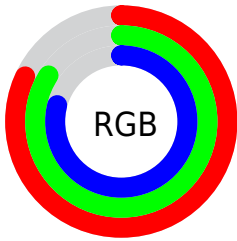
Format	Color
RYB	202, 215, 209
Decimal	13686730
CIELab	85.14, -4.71, 5.58
CIELCh	85, 7.299, 130.163
Yxy	66.2750, 0.3164, 0.3439
Android (android.graphics.Color)	4291876810 (0xFFD0D7CA)
YUV	211.4250, -4.6465, -3.0037
Hunter-Lab	81.4095, -8.7748, 9.3156

Details

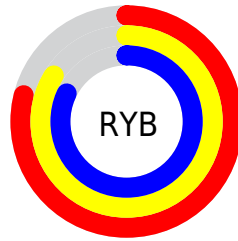
The XYZ color **60.9735, 66.2750, 65.4558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6833, 60.7044, 72.8649**, and the grayscale version is **62.2293, 65.4700, 71.2969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2425, 34.1498, 32.9619** is the 20% darker color. If you saturate the color by 10%, you get **55.4657, 63.7115, 52.8223**, and if you desaturate by 10%, it is **67.0775, 69.1087, 79.9714**.

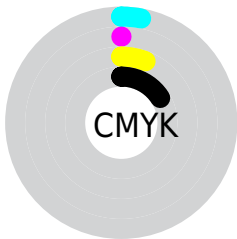
Distribution



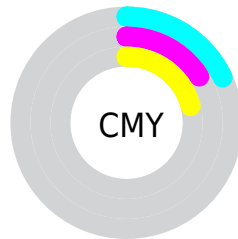
- Red (82%)
- Green (84%)
- Blue (79%)



- Red (79%)
- Yellow (84%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9735, 66.2750, 65.4558 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 60.9735, 66.2750, 65.4558 by changing the saturation by 10% instead.

■ 60.9735, 66.2750,
65.4558

■ 60.9735, 66.2750,
65.4558

417.9543,
447.3597, 462.7791

■ 44.4562, 48.4957,
47.3771

105.3389,
113.8809, 114.3244

■ 31.2288, 34.2196,
32.9774

133.9177,
144.4763, 145.9515

■ 20.9258, 23.0623,
21.8381

167.2478,
180.1126, 182.9316

■ 13.1819, 14.6395,
13.5408

205.6945,
221.1740, 225.6835

■ 7.6318, 8.5668,
7.6669

249.6231,
268.0450, 274.6257

■ 3.9101, 4.4597,
3.7979

299.3991,

■ 1.6514, 1.9339,

321.1101, 330.1766

1.5151

355.3877,
380.7535, 392.7549

■ 0.4255, 0.5686,
0.2292

■ 0.0000, 0.0000,
0.0000

■ 60.9735, 66.2750,
65.4558

■ 60.9735, 66.2750,
65.4558

■ 55.4657, 63.7115,
52.8223

■ 67.0775, 69.1087,
79.9714

■ 50.5289, 61.4011,
41.9896

■ 73.7909, 72.2121,
96.4374

■ 46.1442, 59.3379,
32.8767

■ 79.2251, 74.8324,
104.8762

■ 42.2893, 57.5122,
25.3949

■ 83.3431, 76.9553,
105.0689

■ 38.9405, 55.9140,
19.4476

■ 83.5917, 77.0834,
105.0806

■ 36.0715, 54.5321,
14.9277

■ 33.6535, 53.3542,
11.7145

■ 31.6534, 52.3663,
9.6675

■ 30.0314, 51.5518,
8.6117

Harmonies

Analogous

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



62.4357, 66.2750, 63.6045



60.9735, 66.2750, 65.4558



60.0625, 66.2750, 69.1304

Triad

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



60.9735, 66.2750, 65.4558



61.9247, 66.2750, 81.0269



66.1587, 66.2750, 70.5750

Complementary

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



60.9735, 66.2750, 65.4558



59.6833, 60.7044, 72.8649

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.



66.0161, 66.2750, 75.2814



60.9735, 66.2750, 65.4558



63.5524, 66.2750, 81.4550

Square

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



60.9735, 66.2750, 65.4558



60.6050, 66.2750, 78.1663



65.0554, 66.2750, 79.3117



65.4417, 66.2750, 66.4737

Rectangle

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



60.9735, 66.2750, 65.4558



59.8808, 66.2750, 72.1880



65.0554, 66.2750, 79.3117



66.2100, 66.2750, 72.1365

Sweetspot

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



60.9753, 66.2779, 65.4572



93.2362, 99.1586, 104.5857



61.4716, 64.2821, 65.0459



19.9754, 21.2329, 22.4308



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.



60.9753, 66.2779, 65.4572



88.8589, 97.1251, 94.2994



59.3715, 65.4451, 65.6505



13.0326, 14.2814, 13.7571



17.7448, 30.7241, 4.9951



1.1652, 1.9020, 0.3057

Inverse Universe

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



59.6833, 60.7044, 72.8649



86.6523, 87.6066, 106.9504



61.3575, 61.5739, 72.6528



12.6871, 12.7912, 15.7378



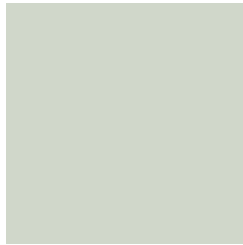
11.7522, 5.2110, 38.8396



0.8039, 0.3633, 2.3471

Previews

White Background



This preview shows how the XYZ color 60.9735, 66.2750, 65.4558 looks on a white background.

Color Contrast Check

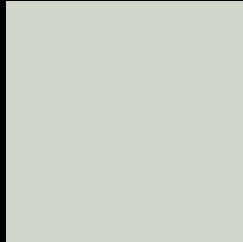
Large Text (above 18pt) WCAG AA × Fail

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 60.9735, 66.2750, 65.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

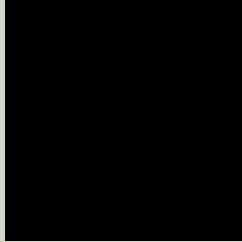
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

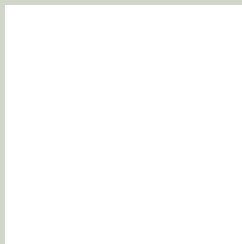
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9735, 66.2750, 65.4558

Background



This preview shows how black text looks on a background with the XYZ color 60.9735, 66.2750, 65.4558.



This preview shows how white text looks on a background with the XYZ color 60.9735, 66.2750,

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

60.9735, 66.2750, 65.4558

Protanopia

63.1822, 66.3172, 64.1140

Deuteranopia

67.3225, 65.8551, 66.2898



Tritanopia

64.4492, 66.1870, 82.7773

Trichromacy



Original Color

60.9735, 66.2750, 65.4558

Protanomaly

62.3612, 66.2526, 64.7596

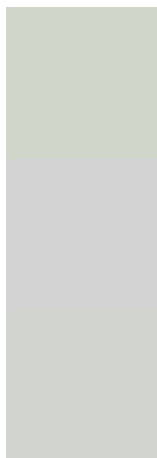
Deuteranomaly

64.9440, 66.0815, 65.8320

Tritanomaly

63.1936, 66.0503, 76.4362

Monochromacy



Original Color

60.9735, 66.2750, 65.4558

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5070, 65.3427, 69.0451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9735, 66.2750, 65.4558 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(208, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(208, 215, 202)  
}
```

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(208, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 215, 202) }
```

Border

The CSS property to change the border of an element to XYZ 60.9735, 66.2750, 65.4558 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(208, 215, 202) }
```


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

```
.border{ border-color:rgb(208, 215, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 215,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9735, 66.2750, 65.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 215, 202) }
```

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

```
.background{ background-color: rgb(208,  
215, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor