

Converting Colors

XYZ(60.8445, 65.3992, 68.0016)

Have a look what the booklet for
XYZ(60.8445, 65.3992, 68.0016)
contains.

XYZ(60.9473, 65.4546, 67.8143)	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(60.9473, 65.4546,
67.8143)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D5CE
RGB	208, 213, 206
RGB Percent	82%, 84%, 81%
CMY	0.1843, 0.1647, 0.1922
CMYK	0.02, 0.00, 0.03, 0.16
HSL	103°, 8%, 82%
HSV	103°, 3%, 84%
XYZ	60.9473, 65.4546, 67.8143
YIQ	210.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

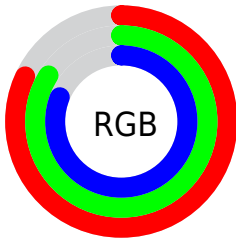
Format	Color
R_{YB}	206, 213, 211
Decimal	13686222
CIE Lab	84.72, -2.96, 2.85
CIE LCh	85, 4.113, 136.093
Yxy	65.4546, 0.3138, 0.3370
Android (android.graphics.Color)	4291876302 (0xFFD0D5CE)
YUV	210.7070, -2.3206, -2.3740
Hunter-Lab	80.9040, -7.1129, 6.9355

Details

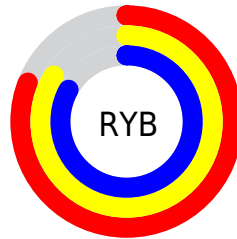
The XYZ color **60.9473, 65.4546, 67.8143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9479, 62.7973, 71.8629**, and the grayscale version is **61.7403, 64.9556, 70.7367**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2208, 33.5907, 34.5439** is the 20% darker color. If you saturate the color by 10%, you get **54.4582, 62.3902, 54.9060**, and if you desaturate by 10%, it is **68.2014, 68.8765, 82.5918**.

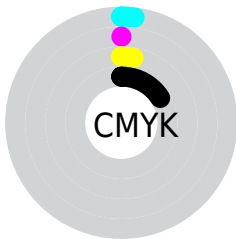
Distribution



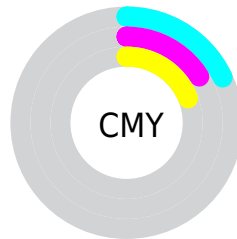
- Red (82%)
- Green (84%)
- Blue (81%)



- Red (81%)
- Yellow (84%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9473, 65.4546, 67.8143 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 60.9473, 65.4546, 67.8143 by changing the saturation by 10% instead.

■ 60.9473, 65.4546,
67.8143

■ 60.9473, 65.4546,
67.8143

417.8597,
444.4238, 471.4180

■ 44.4350, 47.8298,
49.2809

105.3012,
112.7032, 117.7381

■ 31.2120, 33.6921,
34.4752

133.8735,
143.0957, 149.9657

■ 20.9130, 22.6572,
22.9786

167.1965,
178.5130, 187.5951

■ 13.1725, 14.3406,
14.3726

205.6356,
219.3394, 231.0448

■ 7.6253, 8.3579,
8.2385

249.5561,
265.9593, 280.7334

■ 3.9059, 4.3248,
4.1580

299.3234,

■ 1.6490, 1.8569,

318.7570, 337.0794

1.7124

355.3028,
378.1171, 400.5014

■ 0.4240, 0.5223,
0.3692

■ 0.0000, 0.0000,
0.0000

■ 60.9473, 65.4546,
67.8143

■ 60.9473, 65.4546,
67.8143

■ 54.4582, 62.3902,
54.9060

■ 68.2014, 68.8765,
82.5918

■ 48.7031, 59.6635,
43.7881

■ 76.2392, 72.6586,
99.3042

■ 43.6568, 57.2650,
34.3829

■ 82.5921, 75.8166,
104.8887

■ 39.2906, 55.1817,
26.6051

■ 83.0855, 76.0710,
104.9118

■ 35.5738, 53.4000,
20.3622

■ 32.4731, 51.9048,
15.5522

■ 29.9520, 50.6798,
12.0611

■ 27.9696, 49.7068,
9.7572

■ 26.4785, 48.9647,
8.4817

Harmonies

Analogous

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



61.7237, 65.4546, 66.5130



60.9473, 65.4546, 67.8143



60.5119, 65.4546, 70.0587

Triad

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



60.9473, 65.4546, 67.8143



61.7886, 65.4546, 76.2987



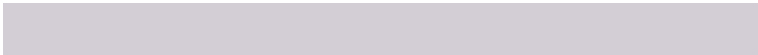
63.9272, 65.4546, 69.8743

Complementary

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



60.9473, 65.4546, 67.8143



60.9479, 62.7973, 71.8629

Split Complementary

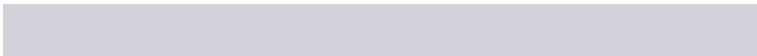
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.9449, 65.4546, 72.4930



60.9473, 65.4546, 67.8143



62.7041, 65.4546, 76.2463

Square

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



60.9473, 65.4546, 67.8143



60.9944, 65.4546, 74.9802



63.4954, 65.4546, 74.8389



63.4470, 65.4546, 67.6822

Rectangle

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



60.9473, 65.4546, 67.8143



60.4708, 65.4546, 71.8079



63.4954, 65.4546, 74.8389



63.9876, 65.4546, 70.7327

Sweetspot

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



60.9491, 65.4574, 67.8157



93.9750, 99.4930, 106.7208



61.8532, 65.1440, 67.7076



20.1259, 21.3009, 22.8656



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.



60.9491, 65.4574, 67.8157



90.8206, 98.0044, 100.3562



60.5613, 65.2377, 68.6899



13.2788, 14.3903, 14.5819



15.7911, 29.7170, 4.9037



1.0336, 1.8342, 0.2996

Inverse Universe

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



60.9479, 62.7973, 71.8629



90.8184, 93.1156, 107.7942



61.3475, 63.0238, 70.9574



13.2784, 13.5543, 15.8539



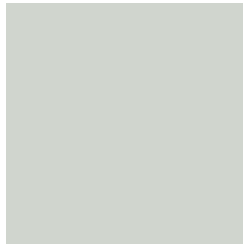
15.3708, 7.0765, 39.0089



1.0067, 0.4678, 2.3566

Previews

White Background



This preview shows how the XYZ color 60.9473, 65.4546, 67.8143 looks on a white background.

Color Contrast Check

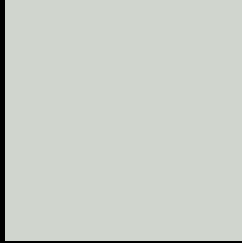
Large Text (above 18pt) WCAG AA × Fail

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 60.9473, 65.4546, 67.8143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

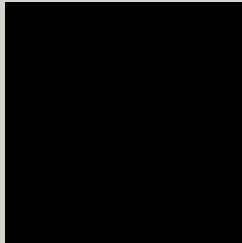
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

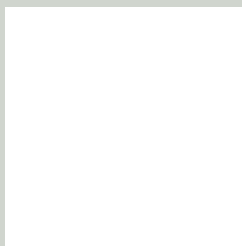
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9473, 65.4546, 67.8143

Background



This preview shows how black text looks on a background with the XYZ color 60.9473, 65.4546, 67.8143.

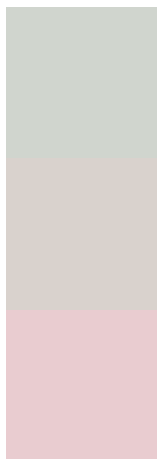


This preview shows how white text looks on a background with the XYZ color 60.9473, 65.4546,

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

60.9473, 65.4546, 67.8143

Protanopia

62.6813, 65.2527, 67.0490

Deuteranopia

66.5823, 65.0634, 68.7237



Tritanopia

63.6380, 65.4331, 81.2273

Trichromacy



Original Color

60.9473, 65.4546, 67.8143

Protanomaly

62.0453, 65.2925, 67.0902

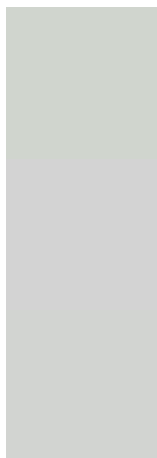
Deuteranomaly

64.3158, 64.9779, 68.1837

Tritanomaly

62.6588, 65.4046, 76.3397

Monochromacy



Original Color

60.9473, 65.4546, 67.8143

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.6304, 65.3921, 69.6953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9473, 65.4546, 67.8143 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, 213, 206) looks like.

```
.text, #text, p{  
    color:rgb(208, 213, 206)  
}
```

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, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 213, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.9473, 65.4546, 67.8143 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, 213, 206) }
```


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

```
.border{ border-color:rgb(208, 213, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 213,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9473, 65.4546, 67.8143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 213, 206) }
```

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

```
.background{ background-color: rgb(208,  
213, 206) }
```

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