

Converting Colors

XYZ(63.4890, 67.6511, 68.7106)

Have a look what the booklet for
XYZ(63.4890, 67.6511, 68.7106)
contains.

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Color

**XYZ(63.2945, 67.4020,
68.7054)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D7CF
RGB	214, 215, 207
RGB Percent	84%, 84%, 81%
CMY	0.1608, 0.1568, 0.1882
CMYK	0.00, 0.00, 0.04, 0.16
HSL	68°, 9%, 83%
HSV	68°, 4%, 84%
XYZ	63.2945, 67.4020, 68.7054
YIQ	213.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

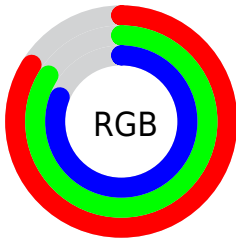
Format	Color
R_{YB}	207, 215, 208
Decimal	14079951
CIE Lab	85.71, -1.76, 3.81
CIE LCh	86, 4.200, 114.794
Yxy	67.4020, 0.3174, 0.3380
Android (android.graphics.Color)	4292270031 (0xFFD6D7CF)
YUV	213.7890, -3.3470, 0.1850
Hunter-Lab	82.0987, -6.0571, 7.8515

Details

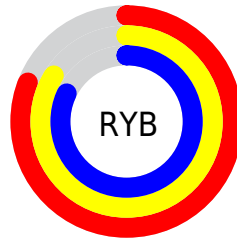
The XYZ color **63.2945, 67.4020, 68.7054** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5935, 62.9436, 73.2492**, and the grayscale version is **63.7971, 67.1195, 73.0932**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6187, 34.8124, 35.1373** is the 20% darker color. If you saturate the color by 10%, you get **60.0631, 66.0214, 55.7545**, and if you desaturate by 10%, it is **66.9007, 68.9383, 83.5451**.

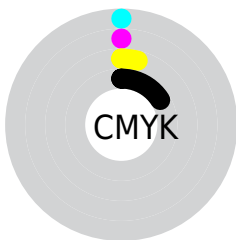
Distribution



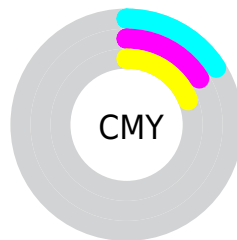
- Red (84%)
- Green (84%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2945, 67.4020, 68.7054 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 63.2945, 67.4020, 68.7054 by changing the saturation by 10% instead.

■ 63.2945, 67.4020,
68.7054

■ 63.2945, 67.4020,
68.7054

426.2802,
451.3744, 474.6570

■ 46.3390, 49.4114,
50.0016

108.6737,
115.4962, 119.0244

■ 32.7192, 34.9459,
35.0434

137.8282,
146.3687, 151.4767

■ 22.0696, 23.6212,
23.4125

171.7796,
182.3038, 189.3489

■ 14.0250, 15.0529,
14.6902

210.8935,
223.6861, 233.0595

■ 8.2198, 8.8565,
8.4581

255.5352,
270.8999, 283.0271

■ 4.2889, 4.6477,
4.2975

306.0699,

■ 1.8669, 2.0421,

324.3296, 339.6701

1.7899

362.8632,
384.3596, 403.4073

■ 0.5575, 0.6318,
0.4213

■ 0.0000, 0.0000,
0.0000

■ 63.2945, 67.4020,
68.7054

■ 63.2945, 67.4020,
68.7054

■ 60.0631, 66.0214,
55.7545

■ 66.9007, 68.9383,
83.5451

■ 57.1865, 64.7821,
44.6124

■ 70.8897, 70.6271,
100.3407

■ 54.6510, 63.6808,
35.1997

■ 72.5038, 71.3674,
104.5617

■ 52.4402, 62.7107,
27.4295

■ 73.3368, 71.7969,
104.6007

■ 50.5361, 61.8649,
21.2074

■ 74.1831, 72.2332,
104.6403

■ 48.9188, 61.1352,
16.4294

■ 75.0427, 72.6763,
104.6805

■ 47.5661, 60.5128,
12.9787

■ 75.9158, 73.1264,
104.7214

■ 46.4523, 59.9875,
10.7204

■ 76.8022, 73.5834,
104.7628

■ 45.5463, 59.5467,
9.4909

■ 77.7022, 74.0473,
104.8050

Harmonies

Analogous

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



64.2308, 67.4020, 68.2620



63.2945, 67.4020, 68.7054



62.5708, 67.4020, 70.3909

Triad

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



63.2945, 67.4020, 68.7054



63.0079, 67.4020, 77.7830



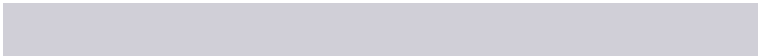
65.9148, 67.4020, 73.8688

Complementary

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



63.2945, 67.4020, 68.7054



60.5935, 62.9436, 73.2492

Split Complementary

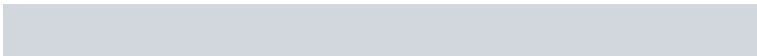
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.5799, 67.4020, 76.4717



63.2945, 67.4020, 68.7054



63.8967, 67.4020, 78.7672

Square

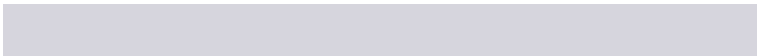
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2945, 67.4020, 68.7054



62.4065, 67.4020, 75.6231



64.8389, 67.4020, 78.2814



65.7497, 67.4020, 71.2000

Rectangle

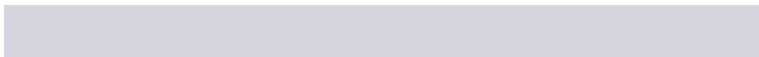
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



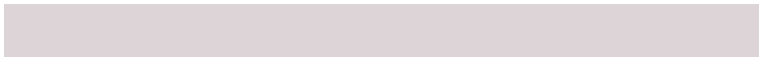
63.2945, 67.4020, 68.7054



62.3031, 67.4020, 72.0149



64.8389, 67.4020, 78.2814



65.8569, 67.4020, 74.7811

Sweetspot

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



63.2964, 67.4049, 68.7069



94.5245, 99.7762, 106.7466



61.8286, 64.0331, 68.1334



20.2377, 21.3586, 22.8708



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.



63.2964, 67.4049, 68.7069



92.9818, 99.1185, 100.4573



62.1626, 66.8204, 68.6538



13.6487, 14.5810, 14.5992



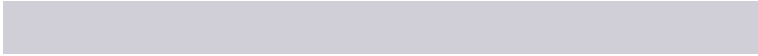
27.0063, 35.4986, 5.4285



1.6728, 2.1637, 0.3295

Inverse Universe

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



60.5935, 62.9436, 73.2492



88.6758, 92.0110, 107.6939



61.7129, 63.5207, 73.3015



12.9123, 13.3655, 15.8368



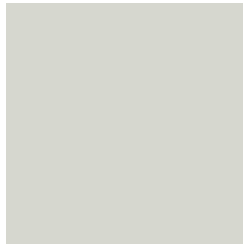
7.6548, 3.0987, 38.6478



0.5105, 0.2121, 2.3333

Previews

White Background



This preview shows how the XYZ color 63.2945, 67.4020, 68.7054 looks on a white background.

Color Contrast Check

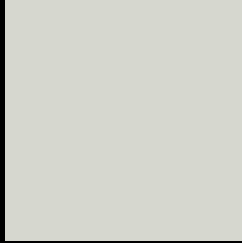
Large Text (above 18pt) WCAG AA × Fail

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 63.2945, 67.4020, 68.7054 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

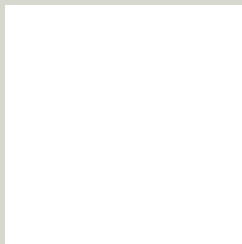
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2945, 67.4020, 68.7054

Background



This preview shows how black text looks on a background with the XYZ color 63.2945, 67.4020, 68.7054.

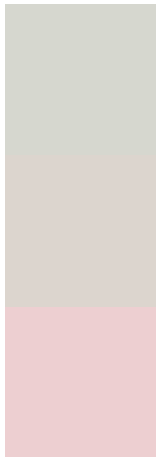


This preview shows how white text looks on a background with the XYZ color 63.2945, 67.4020,

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

63.2945, 67.4020, 68.7054

Protanopia

64.4500, 67.2604, 67.9782

Deuteranopia

68.7465, 67.2336, 69.6757



Tritanopia

66.1623, 67.4401, 82.9289

Trichromacy



Original Color

63.2945, 67.4020, 68.7054

Protanomaly

64.1006, 67.4548, 68.0341

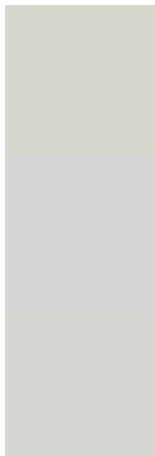
Deuteranomaly

66.7449, 67.3053, 69.1479

Tritanomaly

65.0314, 67.3547, 77.2834

Monochromacy



Original Color

63.2945, 67.4020, 68.7054

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5360, 67.0924, 71.2294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2945, 67.4020, 68.7054 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(214, 215, 207) looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 207)  
}
```

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(214, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 207) }
```

Border

The CSS property to change the border of an element to XYZ 63.2945, 67.4020, 68.7054 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(214, 215, 207) }
```


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

```
.border{ border-color:rgb(214, 215, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2945, 67.4020, 68.7054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 207) }
```

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

```
.background{ background-color: rgb(214,  
215, 207) }
```

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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