

Converting Colors

XYZ(63.9728, 63.5362, 65.3918)

Have a look what the booklet for
XYZ(63.9728, 63.5362, 65.3918)
contains.

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Color

**XYZ(63.8140, 63.3546,
65.3652)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CBCB
RGB	227, 203, 203
RGB Percent	89%, 80%, 80%
CMY	0.1098, 0.2039, 0.2039
CMYK	0.00, 0.11, 0.11, 0.11
HSL	0°, 30%, 84%
HSV	0°, 11%, 89%
XYZ	63.8140, 63.3546, 65.3652
YIQ	210.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

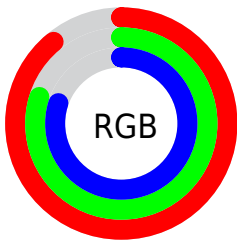
Format	Color
R _Y B	227, 203, 203
Decimal	14928843
CIE Lab	83.63, 8.39, 3.06
CIE LCh	84, 8.926, 20.024
Yxy	63.3546, 0.3314, 0.3291
Android (android.graphics.Color)	4293118923 (0xFFE3CBCB)
YUV	210.1760, -3.5378, 14.7546
Hunter-Lab	79.5956, 3.8161, 7.0270

Details

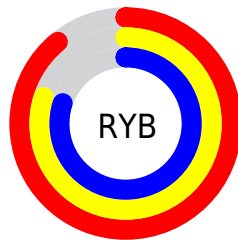
The XYZ color **63.8140, 63.3546, 65.3652** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9625, 73.1793, 83.3222**, and the grayscale version is **61.3916, 64.5887, 70.3371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9668, 32.3227, 32.9351** is the 20% darker color. If you saturate the color by 10%, you get **56.3316, 52.4062, 50.4875**, and if you desaturate by 10%, it is **72.4807, 76.0363, 82.5933**.

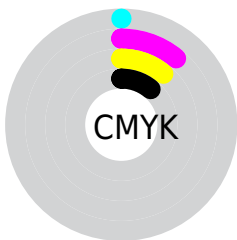
Distribution



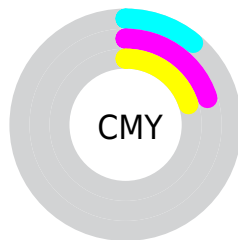
- Red (89%)
- Green (80%)
- Blue (80%)



- Red (89%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8140, 63.3546, 65.3652 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 63.8140, 63.3546, 65.3652 by changing the saturation by 10% instead.


 63.8140, 63.3546,
65.3652

 63.8140, 63.3546,
65.3652

428.1305,
436.8553, 462.4453

 46.7612, 46.1281,
47.3040


109.4183,
109.6809, 114.1930

 33.0540, 32.3469,
32.9200


138.7004,
139.5496, 145.7968

 22.3273, 21.6266,
21.7946


172.7896,
174.4011, 182.7519

 14.2155, 13.5828,
13.5092

212.0514,
214.6199, 225.4767

 8.3534, 7.8311,
7.6452

256.8510,
260.5903, 274.3900

 4.3756, 3.9871,
3.7843

307.5538,

 1.9168, 1.6663,

312.6967, 329.9101

1.5078

364.5252,
371.3236, 392.4557

■ 0.5865, 0.4017,
0.2237

■ 0.0000, 0.0000,
0.0000

■ 63.8140, 63.3546,
65.3652

■ 63.8140, 63.3546,
65.3652

■ 56.3316, 52.4062,
50.4875

■ 72.4807, 76.0363,
82.5933

■ 49.9771, 43.1079,
37.8547

■ 82.3744, 90.5131,
102.2632

■ 44.6975, 35.3823,
27.3588

■ 85.4889, 95.0711,
108.4525

■ 40.4333, 29.1425,
18.8820

■ 37.1193, 24.2931,
12.2945

■ 34.6830, 20.7278,
7.4518

■ 33.0410, 18.3249,
4.1884

■ 32.0942, 16.9392,
2.3071

■ 31.6793, 16.3319,
1.4827

Harmonies

Analogous

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



63.9911, 63.3546, 70.8622



63.8140, 63.3546, 65.3652



62.6615, 63.3546, 61.0652

Triad

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



63.8140, 63.3546, 65.3652



57.3847, 63.3546, 62.3014



59.5685, 63.3546, 80.1251

Complementary

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



63.8140, 63.3546, 65.3652



65.9625, 73.1793, 83.3222

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.



57.8363, 63.3546, 77.5559



63.8140, 63.3546, 65.3652



56.5936, 63.3546, 67.1361

Square

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



63.8140, 63.3546, 65.3652



58.9400, 63.3546, 59.3637



56.7571, 63.3546, 72.7306



61.5116, 63.3546, 79.5877

Rectangle

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



63.8140, 63.3546, 65.3652



61.5086, 63.3546, 59.3609



56.7571, 63.3546, 72.7306



58.9429, 63.3546, 79.5911

Sweetspot

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



63.8158, 63.3574, 65.3665



91.4509, 94.7336, 101.7446



66.9004, 64.5897, 81.6148



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



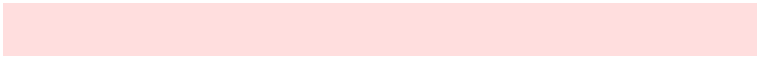
20.3446, 21.4041, 23.3091

Same Dimension

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



63.8158, 63.3574, 65.3665



80.4877, 78.6918, 79.9488



66.7593, 69.2444, 66.3477



14.3773, 14.3684, 14.9201



18.4754, 9.5249, 0.8647



1.3653, 0.7040, 0.0639

Inverse Universe

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



65.9625, 73.1793, 83.3222



83.8865, 94.2423, 108.3770



62.7950, 66.8443, 82.2663



14.8073, 16.3360, 18.5171



24.1002, 35.2624, 47.9193



1.7810, 2.6059, 3.5411

Previews

White Background



This preview shows how the XYZ color 63.8140, 63.3546, 65.3652 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 63.8140, 63.3546, 65.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

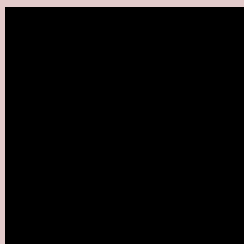
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

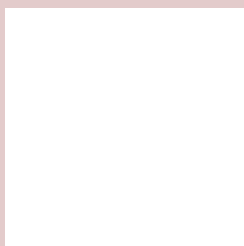
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8140, 63.3546, 65.3652

Background



This preview shows how black text looks on a background with the XYZ color 63.8140, 63.3546, 65.3652.



This preview shows how white text looks on a background with the XYZ color 63.8140, 63.3546,

65.3652.

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

63.8140, 63.3546, 65.3652

Protanopia

61.1370, 63.7141, 67.4683

Deuteranopia

64.8550, 63.5418, 65.3465



Tritanopia

65.7241, 63.4411, 74.4270

Trichromacy



Original Color

63.8140, 63.3546, 65.3652

Protanomaly

62.0042, 63.4558, 66.7378

Deuteranomaly

64.5331, 63.3759, 65.3314

Tritanomaly

64.9991, 63.4885, 71.1160

Monochromacy



Original Color

63.8140, 63.3546, 65.3652

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.8942, 63.7296, 68.0703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8140, 63.3546, 65.3652 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(227, 203, 203)` looks like.

```
.text, #text, p{  
    color:rgb(227, 203, 203)  
}
```

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(227, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 203, 203) }
```

Border

The CSS property to change the border of an element to XYZ 63.8140, 63.3546, 65.3652 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(227, 203, 203) }
```


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

```
.border{ border-color:rgb(227, 203, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 203, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 203, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 203, 203); box-shadow:4px 4px 4px 4px rgb(227, 203, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8140, 63.3546, 65.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 203, 203) }
```

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

```
.background{ background-color: rgb(227,  
203, 203) }
```

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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