

Converting Colors

XYZ(63.3507, 65.5573, 68.9914)

Have a look what the booklet for
XYZ(63.3507, 65.5573, 68.9914)
contains.

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Color

**XYZ(63.3452, 65.5527,
68.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD2D0
RGB	218, 210, 208
RGB Percent	85%, 82%, 82%
CMY	0.1451, 0.1764, 0.1843
CMYK	0.00, 0.04, 0.05, 0.15
HSL	12°, 12%, 84%
HSV	12°, 5%, 85%
XYZ	63.3452, 65.5527, 68.9888
YIQ	212.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

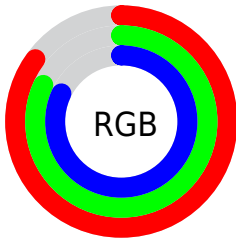
Format	Color
R _Y B	218, 211, 208
Decimal	14340816
CIE Lab	84.77, 2.40, 1.96
CIE LCh	85, 3.099, 39.198
Yxy	65.5527, 0.3201, 0.3313
Android (android.graphics.Color)	4292530896 (0xFFDAD2D0)
YUV	212.1640, -2.0529, 5.1182
Hunter-Lab	80.9646, -2.0330, 6.1551

Details

The XYZ color **63.3452, 65.5527, 68.9888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2231, 67.5825, 76.0430**, and the grayscale version is **62.7006, 65.9659, 71.8369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8255, 33.8966, 35.3845** is the 20% darker color. If you saturate the color by 10%, you get **56.7740, 56.4110, 54.4628**, and if you desaturate by 10%, it is **70.7576, 75.7852, 85.6156**.

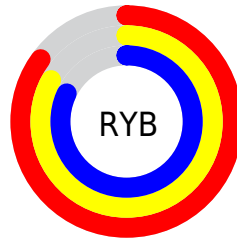
Distribution



Red (85%)

Green (82%)

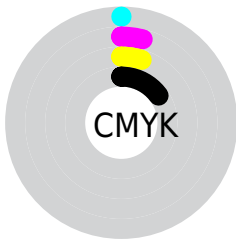
Blue (82%)



Red (85%)

Yellow (83%)

Blue (82%)

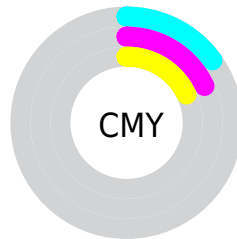


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3452, 65.5527, 68.9888 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 63.3452, 65.5527, 68.9888 by changing the saturation by 10% instead.

■ 63.3452, 65.5527,
68.9888

■ 63.3452, 65.5527,
68.9888

426.4610,
444.7755, 475.6843

■ 46.3802, 47.9094,
50.2309

108.7464,
112.8441, 119.4331

■ 32.7519, 33.7551,
35.2244

137.9133,
143.2610, 151.9566

■ 22.0947, 22.7055,
23.5509

171.8783,
178.7045, 189.9057

■ 14.0435, 14.3762,
14.7917

211.0066,
219.5590, 233.6990

■ 8.2328, 8.3828,
8.5283

255.6637,
266.2090, 283.7549

■ 4.2974, 4.3409,
4.3422

306.2149,

■ 1.8717, 1.8660,

319.0388, 340.4921

1.8149

363.0255,
378.4328, 404.3291

■ 0.5603, 0.5278,
0.4378

■ 0.0000, 0.0000,
0.0000

■ 63.3452, 65.5527,
68.9888

■ 63.3452, 65.5527,
68.9888

■ 56.7740, 56.4110,
54.4628

■ 70.7576, 75.7852,
85.6156

■ 51.0086, 48.3157,
41.9497

■ 79.0341, 87.1340,
104.4179

■ 46.0190, 41.2317,
31.3615

■ 82.7238, 93.6456,
108.3231

■ 41.7716, 35.1189,
22.6023

■ 38.2299, 29.9344,
15.5676

■ 35.3544, 25.6322,
10.1425

■ 33.1014, 22.1621,
6.1981

■ 31.4216, 19.4685,
3.5850

■ 30.2575, 17.4888,
2.1224

Harmonies

Analogous

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



63.6318, 65.5527, 70.7669



63.3452, 65.5527, 68.9888



62.7807, 65.5527, 67.8642

Triad

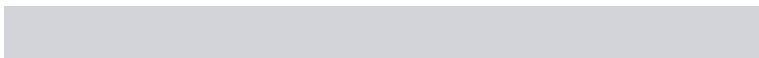
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3452, 65.5527, 68.9888



61.0674, 65.5527, 70.0278



62.5193, 65.5527, 75.2131

Complementary

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



63.3452, 65.5527, 68.9888



63.2231, 67.5825, 76.0430

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.



61.8334, 65.5527, 75.0063



63.3452, 65.5527, 68.9888



60.9985, 65.5527, 71.9881

Square

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



63.3452, 65.5527, 68.9888



61.4668, 65.5527, 68.4563



61.2780, 65.5527, 73.8171



63.1526, 65.5527, 74.3770

Rectangle

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



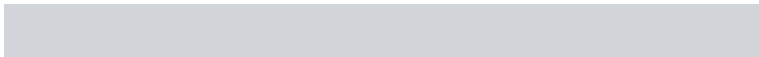
63.3452, 65.5527, 68.9888



62.3245, 65.5527, 67.6241



61.2780, 65.5527, 73.8171



62.2872, 65.5527, 75.2636

Sweetspot

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



63.3470, 65.5555, 68.9902



93.9951, 98.5428, 106.5364



63.8649, 64.9760, 74.1422



20.1299, 21.1076, 22.8281



0.0000, 0.0000, 0.0000



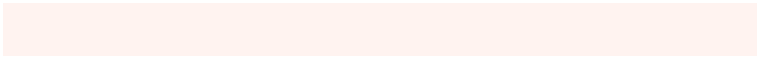
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3470, 65.5555, 68.9902



88.9042, 91.4946, 95.1791



64.5999, 68.0613, 69.4078



13.6853, 14.0542, 14.5552



17.9158, 10.1171, 1.0085



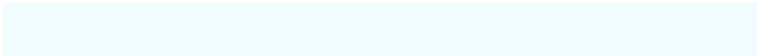
1.2220, 0.7782, 0.0858

Inverse Universe

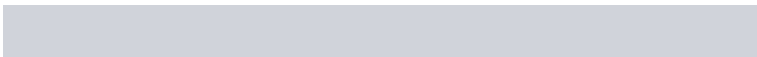
The Inverse Universe completely reimagines the original color for something new.



63.2231, 67.5825, 76.0430



88.6731, 95.2722, 108.3235



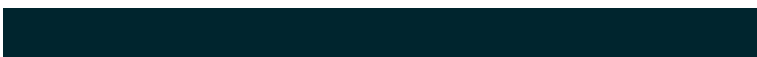
61.9625, 65.0614, 75.6228



13.6464, 14.6902, 16.7684



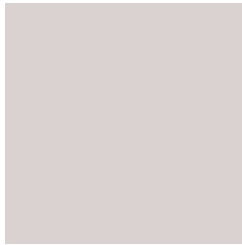
16.7641, 21.3975, 42.9850



1.1435, 1.5012, 2.8039

Previews

White Background



This preview shows how the XYZ color 63.3452, 65.5527, 68.9888 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 63.3452, 65.5527, 68.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

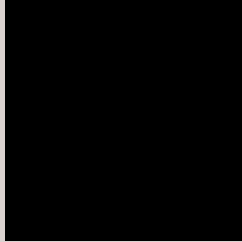
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

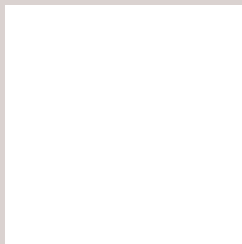
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3452, 65.5527, 68.9888

Background



This preview shows how black text looks on a background with the XYZ color 63.3452, 65.5527, 68.9888.

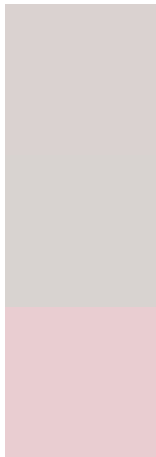


This preview shows how white text looks on a background with the XYZ color 63.3452, 65.5527,

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

63.3452, 65.5527, 68.9888

Protanopia

62.9983, 65.7415, 69.0435

Deuteranopia

66.9442, 65.5897, 69.4533



Tritanopia

65.5256, 65.7092, 79.7506

Trichromacy



Original Color

63.3452, 65.5527, 68.9888

Protanomaly

63.2947, 65.8943, 69.0574

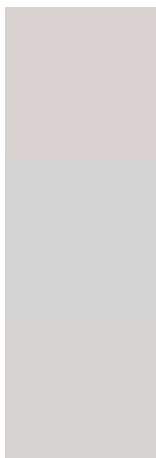
Deuteranomaly

65.8164, 65.7231, 69.5385

Tritanomaly

64.6688, 65.7230, 75.6071

Monochromacy



Original Color

63.3452, 65.5527, 68.9888

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7837, 65.5878, 70.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3452, 65.5527, 68.9888 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(218, 210, 208) looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 208)  
}
```

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(218, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.3452, 65.5527, 68.9888 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(218, 210, 208) }
```


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

```
.border{ border-color:rgb(218, 210, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3452, 65.5527, 68.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 208) }
```

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

```
.background{ background-color: rgb(218,  
210, 208) }
```

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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