

Converting Colors

XYZ(63.5961, 67.3938, 63.6240)

Have a look what the booklet for
XYZ(63.5961, 67.3938, 63.6240)
contains.

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Color

**XYZ(63.5688, 67.2767,
63.6681)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD6C7
RGB	219, 214, 199
RGB Percent	86%, 84%, 78%
CMY	0.1412, 0.1608, 0.2196
CMYK	0.00, 0.02, 0.09, 0.14
HSL	45°, 22%, 82%
HSV	45°, 9%, 86%
XYZ	63.5688, 67.2767, 63.6681
YIQ	213.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

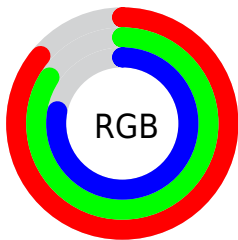
Format	Color
R _Y B	206, 219, 199
Decimal	14407367
CIE Lab	85.64, -0.86, 8.00
CIE LCh	86, 8.049, 96.131
Yxy	67.2767, 0.3268, 0.3459
Android (android.graphics.Color)	4292597447 (0xFFD6D6C7)
YUV	213.7850, -7.2890, 4.5736
Hunter-Lab	82.0224, -5.1985, 11.3931

Details

The XYZ color **63.5688, 67.2767, 63.6681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9322, 60.4414, 75.6316**, and the grayscale version is **63.8173, 67.1408, 73.1163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8188, 34.7331, 31.7625** is the 20% darker color. If you saturate the color by 10%, you get **59.8461, 63.6115, 50.7721**, and if you desaturate by 10%, it is **67.7077, 71.1872, 78.5099**.

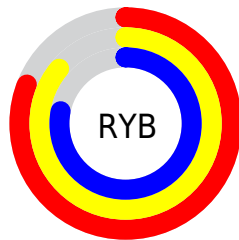
Distribution



Red (86%)

Green (84%)

Blue (78%)



Red (81%)

Yellow (86%)

Blue (78%)

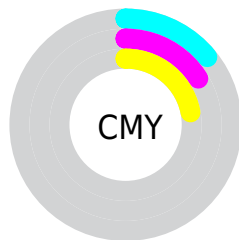


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5688, 67.2767, 63.6681 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 63.5688, 67.2767, 63.6681 by changing the saturation by 10% instead.

■ 63.5688, 67.2767,
63.6681

■ 63.5688, 67.2767,
63.6681

427.2578,
450.9291, 456.1646

■ 46.5619, 49.3095,
45.9374

109.0669,
115.3168, 111.7277

■ 32.8959, 34.8651,
31.8481

138.2888,
146.1585, 142.8937

■ 22.2056, 23.5590,
20.9817

172.3131,
182.0605, 179.3752

■ 14.1255, 15.0068,
12.9195

211.5052,
223.4073, 221.5908

■ 8.2903, 8.8241,
7.2431

256.2303,
270.5831, 269.9590

■ 4.3346, 4.6267,
3.5338

306.8539,

■ 1.8931, 2.0299,

323.9724, 324.8983

1.3733

363.7412,
383.9596, 386.8274

■ 0.5728, 0.6248,
0.1207

■ 0.0000, 0.0000,
0.0000

■ 63.5688, 67.2767,
63.6681

■ 63.5688, 67.2767,
63.6681

■ 59.8461, 63.6115,
50.7721

■ 67.7077, 71.1872,
78.5099

■ 56.5181, 60.1757,
39.7353

■ 72.2722, 75.3408,
95.3703

■ 53.5695, 56.9646,
30.4714

■ 75.6768, 79.1063,
105.8882

■ 50.9818, 53.9700,
22.8852

■ 77.2269, 82.2065,
106.4049

■ 48.7347, 51.1832,
16.8726

■ 78.8252, 85.4032,
106.9377

■ 46.8058, 48.5944,
12.3179

■ 80.4722, 88.6972,
107.4867

■ 45.1697, 46.1926,
9.0893

■ 82.1683, 92.0893,
108.0520

■ 43.7964, 43.9650,
7.0311

■ 83.0238, 93.8002,
108.3372

■ 42.6378, 41.8917,
5.8932

Harmonies

Analogous

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



65.3813, 67.2767, 64.4046



63.5688, 67.2767, 63.6681



61.8888, 67.2767, 65.3991

Triad

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



63.5688, 67.2767, 63.6681



61.1399, 67.2767, 79.3672



67.2220, 67.2767, 77.4137

Complementary

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



63.5688, 67.2767, 63.6681



57.9322, 60.4414, 75.6316

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.



66.0452, 67.2767, 81.7116



63.5688, 67.2767, 63.6681



62.5289, 67.2767, 82.8766

Square

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



63.5688, 67.2767, 63.6681



60.5038, 67.2767, 74.3362



64.3216, 67.2767, 83.7544



67.5132, 67.2767, 72.1801

Rectangle

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



63.5688, 67.2767, 63.6681



61.0625, 67.2767, 67.7704



64.3216, 67.2767, 83.7544



66.9158, 67.2767, 79.0234

Sweetspot

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



63.5706, 67.2796, 63.6695



93.2360, 98.3038, 102.3396



60.5368, 60.2675, 65.5698



19.8545, 20.9452, 21.5389



0.0000, 0.0000, 0.0000



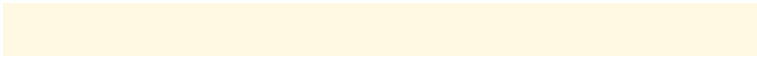
20.3446, 21.4041, 23.3091

Same Dimension

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



63.5706, 67.2796, 63.6695



88.6635, 93.9339, 86.0949



63.3727, 69.0835, 64.0282



13.8725, 14.6843, 13.8288



25.3161, 24.9178, 3.4753



1.7067, 1.7476, 0.2474

Inverse Universe

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



57.9322, 60.4414, 75.6316



79.1233, 82.3638, 106.3353



58.1124, 58.7997, 75.3052



12.6016, 13.1430, 16.5248



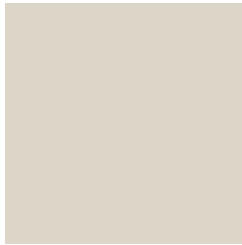
8.4570, 4.7834, 40.2160



0.6163, 0.4466, 2.6282

Previews

White Background



This preview shows how the XYZ color 63.5688, 67.2767, 63.6681 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 63.5688, 67.2767, 63.6681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

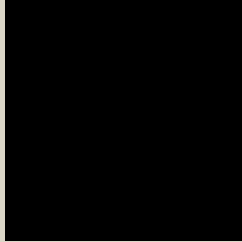
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

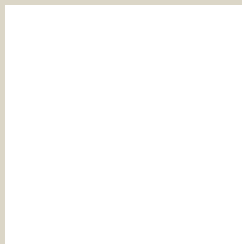
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5688, 67.2767, 63.6681

Background



This preview shows how black text looks on a background with the XYZ color 63.5688, 67.2767, 63.6681.



This preview shows how white text looks on a background with the XYZ color 63.5688, 67.2767,

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

63.5688, 67.2767, 63.6681

Protanopia

63.9218, 67.0842, 63.6123

Deuteranopia

68.6733, 67.3210, 64.0184



Tritanopia

67.2055, 67.2721, 81.3942

Trichromacy



Original Color

63.5688, 67.2767, 63.6681

Protanomaly

63.6183, 66.9277, 63.5981

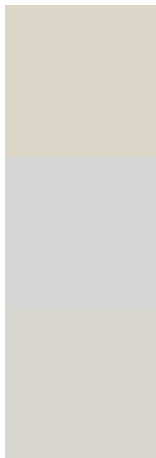
Deuteranomaly

66.7506, 67.4191, 64.1386

Tritanomaly

65.8131, 67.0760, 74.4440

Monochromacy



Original Color

63.5688, 67.2767, 63.6681

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.8741, 67.2955, 69.9444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5688, 67.2767, 63.6681 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(219, 214, 199) looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 199)  
}
```

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(219, 214, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 199) }
```

Border

The CSS property to change the border of an element to XYZ 63.5688, 67.2767, 63.6681 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(219, 214, 199) }
```


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

```
.border{ border-color:rgb(219, 214, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5688, 67.2767, 63.6681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 199) }
```

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

```
.background{ background-color: rgb(219,  
214, 199) }
```

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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