

Converting Colors

XYZ(63.6071, 65.3826, 58.9551)

Have a look what the booklet for
XYZ(63.6071, 65.3826, 58.9551)
contains.

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Color

**XYZ(63.6789, 65.5755,
59.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D1C0
RGB	226, 209, 192
RGB Percent	89%, 82%, 75%
CMY	0.1137, 0.1804, 0.2471
CMYK	0.00, 0.08, 0.15, 0.11
HSL	30°, 37%, 82%
HSV	30°, 15%, 89%
XYZ	63.6789, 65.5755, 59.1703
YIQ	212.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

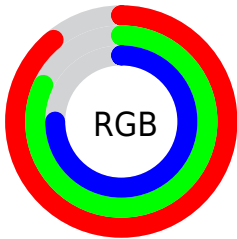
Format	Color
R _Y B	226, 226, 192
Decimal	14864832
CIE Lab	84.78, 3.12, 10.55
CIE LCh	85, 10.999, 73.538
Yxy	65.5755, 0.3380, 0.3480
Android (android.graphics.Color)	4293054912 (0xFFE2D1C0)
YUV	212.1450, -9.9315, 12.1508
Hunter-Lab	80.9787, -1.3464, 13.3625

Details

The XYZ color **63.6789, 65.5755, 59.1703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2658, 62.2969, 80.9055**, and the grayscale version is **62.7339, 66.0010, 71.8751**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **32.9591, 33.8528, 29.2232** is the 20% darker color. If you saturate the color by 10%, you get **58.6910, 59.3037, 46.0875**, and if you desaturate by 10%, it is **69.2515, 72.4001, 74.3466**.

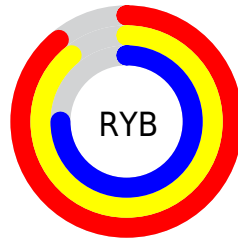
Distribution



Red (89%)

Green (82%)

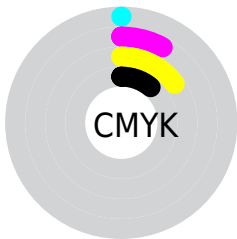
Blue (75%)



Red (89%)

Yellow (89%)

Blue (75%)

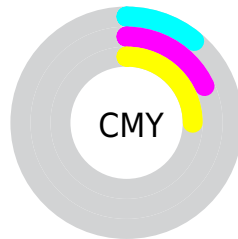


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6789, 65.5755, 59.1703 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 63.6789, 65.5755, 59.1703 by changing the saturation by 10% instead.

63.6789, 65.5755,
59.1703

63.6789, 65.5755,
59.1703

427.6498,
444.8572, 439.2522

46.6514, 47.9279,
42.3293

109.2247,
112.8768, 105.1567

32.9669, 33.7698,
29.0317

138.4737,
143.2994, 135.1392

22.2602, 22.7168,
18.8590

172.5271,
178.7490, 170.3392

14.1659, 14.3845,
11.3927

211.7505,
219.6101, 211.1754

8.3186, 8.3886,
6.2141

256.5091,
266.2670, 258.0663

4.3530, 4.3446,
2.9048

307.1683,

1.9037, 1.8681,

319.1043, 311.4303

1.0462

364.0934,
378.5062, 371.6861

■ 0.5790, 0.5291,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6789, 65.5755,
59.1703

■ 63.6789, 65.5755,
59.1703

■ 58.6910, 59.3037,
46.0875

■ 69.2515, 72.4001,
74.3466

■ 54.2609, 53.5608,
35.0006

■ 75.4238, 79.7831,
91.6998

■ 50.3674, 48.3338,
25.8104

■ 81.4339, 87.4282,
107.1910

■ 46.9856, 43.6060,
18.4074

■ 84.9175, 94.3954,
108.3522

■ 44.0885, 39.3593,
12.6708

■ 85.1742, 94.9088,
108.4378

■ 41.6458, 35.5742,
8.4646

■ 39.6230, 32.2290,
5.6309

■ 37.9787, 29.2992,
3.9764

■ 37.2728, 27.9860,
3.4373

Harmonies

Analogous

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



65.8231, 65.5755, 62.4616



63.6789, 65.5755, 59.1703



61.2258, 65.5755, 59.0124

Triad

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



63.6789, 65.5755, 59.1703



57.8369, 65.5755, 74.6220



65.6461, 65.5755, 81.6881

Complementary

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



63.6789, 65.5755, 59.1703



58.2658, 62.2969, 80.9055

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.



63.4424, 65.5755, 85.4114



63.6789, 65.5755, 59.1703



58.9579, 65.5755, 81.1541

Square

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



63.6789, 65.5755, 59.1703



57.8964, 65.5755, 67.6266



60.9954, 65.5755, 85.2097



66.9792, 65.5755, 75.3125

Rectangle

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



63.6789, 65.5755, 59.1703



59.7482, 65.5755, 60.6842



60.9954, 65.5755, 85.2097



64.9801, 65.5755, 83.3096

Sweetspot

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



63.6807, 65.5784, 59.1717



91.0650, 95.2067, 97.7785



61.7230, 58.4723, 68.3555



19.3752, 20.2372, 20.6066



0.0000, 0.0000, 0.0000



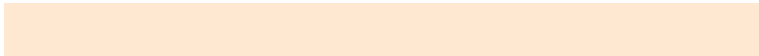
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6807, 65.5784, 59.1717



81.6335, 83.6133, 72.2230



68.0753, 74.3677, 60.6366



14.2708, 14.8275, 14.4166



21.3828, 16.2035, 2.0006



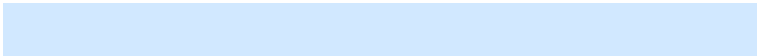
1.5717, 1.3022, 0.1685

Inverse Universe

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



58.2658, 62.2969, 80.9055



73.2417, 78.5278, 105.9049



54.3162, 54.3977, 79.5889



13.5153, 14.3696, 17.4490



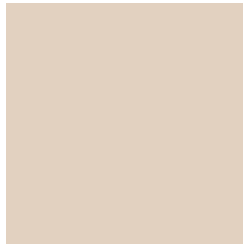
11.3172, 10.1040, 42.4022



0.8740, 0.8794, 2.9689

Previews

White Background



This preview shows how the XYZ color 63.6789, 65.5755, 59.1703 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 63.6789, 65.5755, 59.1703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

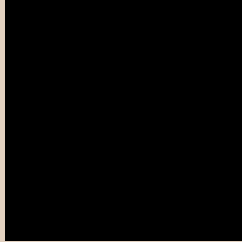
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6789, 65.5755, 59.1703

Background



This preview shows how black text looks on a background with the XYZ color 63.6789, 65.5755, 59.1703.



This preview shows how white text looks on a background with the XYZ color 63.6789, 65.5755,

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

63.6789, 65.5755, 59.1703

Protanopia

62.4351, 65.6544, 59.8340

Deuteranopia

66.8151, 65.3867, 59.5514



Tritanopia

67.5156, 65.7061, 77.5307

Trichromacy



Original Color

63.6789, 65.5755, 59.1703

Protanomaly

62.7964, 65.4730, 59.7799

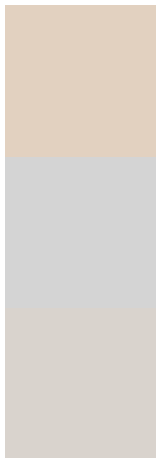
Deuteranomaly

65.6286, 65.4853, 59.6330

Tritanomaly

66.0173, 65.4538, 70.1271

Monochromacy



Original Color

63.6789, 65.5755, 59.1703

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.9290, 65.7480, 67.1315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6789, 65.5755, 59.1703 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(226, 209, 192) looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 192)  
}
```

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(226, 209, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 192) }
```

Border

The CSS property to change the border of an element to XYZ 63.6789, 65.5755, 59.1703 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(226, 209, 192) }
```


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

```
.border{ border-color:rgb(226, 209, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 209, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 209, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 209, 192);  
box-shadow:4px 4px 4px 4px rgb(226, 209,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6789, 65.5755, 59.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 192) }
```

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

```
.background{ background-color: rgb(226,  
209, 192) }
```

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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