

Converting Colors

XYZ(69.3306, 68.1925, 61.8658)

Have a look what the booklet for
XYZ(69.3306, 68.1925, 61.8658)
contains.

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Color

**XYZ(69.1376, 67.9745,
61.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D0C4
RGB	242, 208, 196
RGB Percent	95%, 82%, 77%
CMY	0.0510, 0.1843, 0.2314
CMYK	0.00, 0.14, 0.19, 0.05
HSL	16°, 64%, 86%
HSV	16°, 19%, 95%
XYZ	69.1376, 67.9745, 61.7010
YIQ	216.7980, 24.1160, 3.4760

Conversions

Conversions Part 2

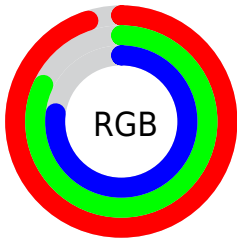
Format	Color
R _Y B	242, 212, 196
Decimal	15913156
CIE Lab	85.99, 10.04, 10.35
CIE LCh	86, 14.420, 45.855
Yxy	67.9745, 0.3478, 0.3419
Android (android.graphics.Color)	4294103236 (0xFFFF2D0C4)
YUV	216.7980, -10.2534, 22.1022
Hunter-Lab	82.4466, 5.4038, 13.3415

Details

The XYZ color **69.1376, 67.9745, 61.7010** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0882, 74.7383, 94.8949**, and the grayscale version is **65.8729, 69.3035, 75.4715**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **36.4457, 35.3785, 30.4990** is the 20% darker color. If you saturate the color by 10%, you get **62.4852, 58.7278, 46.9721**, and if you desaturate by 10%, it is **76.7297, 78.3885, 78.9366**.

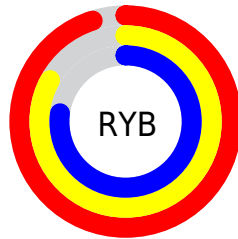
Distribution



Red (95%)

Green (82%)

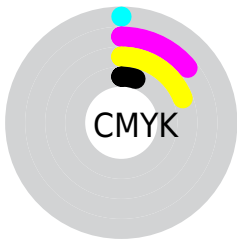
Blue (77%)



Red (95%)

Yellow (83%)

Blue (77%)

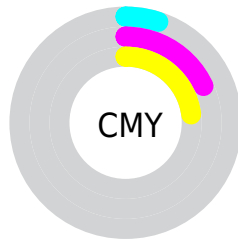


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1376, 67.9745, 61.7010 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 69.1376, 67.9745, 61.7010 by changing the saturation by 10% instead.


 69.1376, 67.9745,
61.7010

 69.1376, 67.9745,
61.7010

446.8299,
453.4057, 448.8171

 51.1008, 49.8770,
44.3569


117.0111,
116.3157, 108.8607

 36.5102, 35.3157,
30.6119


147.5785,
147.3281, 139.5133

 25.0004, 23.9061,
20.0476


183.0535,
183.4143, 175.4393

 16.2061, 15.2640,
12.2452

223.8015,
224.9587, 217.0571

 9.7619, 9.0049,
6.7863

270.1877,
272.3456, 264.7852

 5.3024, 4.7444,
3.2524

322.5777,

 2.4623, 2.0981,

325.9595, 319.0422

1.2249

381.3366,
386.1847, 380.2467

■ 0.8763, 0.6635,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1376, 67.9745,
61.7010

■ 69.1376, 67.9745,
61.7010

■ 62.4852, 58.7278,
46.9721

■ 76.7297, 78.3885,
78.9366

■ 56.7296, 50.5981,
34.6283

■ 85.2914, 89.9995,
98.7844

■ 51.8323, 43.5451,
24.5441

■ 90.4281, 97.6173,
108.6837

■ 47.7501, 37.5224,
16.5807

■ 44.4355, 32.4800,
10.5841

■ 41.8358, 28.3635,
6.3788

■ 39.8904, 25.1127,
3.7577

■ 38.5175, 22.6551,
2.4117

■ 38.4042, 22.4495,
2.3091

Harmonies

Analogous

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



70.9185, 67.9745, 69.1490



69.1376, 67.9745, 61.7010



66.1739, 67.9745, 57.7237

Triad

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



69.1376, 67.9745, 61.7010



58.6369, 67.9745, 69.6516



66.3602, 67.9745, 92.9457

Complementary

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



69.1376, 67.9745, 61.7010



67.0882, 74.7383, 94.8949

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.



63.0665, 67.9745, 93.1094



69.1376, 67.9745, 61.7010



58.6829, 67.9745, 79.0993

Square

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



69.1376, 67.9745, 61.7010



60.1522, 67.9745, 62.0418



60.2802, 67.9745, 87.8620



69.2780, 67.9745, 87.4320

Rectangle

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



69.1376, 67.9745, 61.7010



63.9614, 67.9745, 57.3373



60.2802, 67.9745, 87.8620



65.2584, 67.9745, 93.6431

Sweetspot

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



69.1394, 67.9776, 61.7024



89.1820, 92.0501, 95.2717



70.7118, 64.0993, 83.8777



18.9571, 19.5237, 20.0885



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.



69.1394, 67.9776, 61.7024



74.7012, 72.1766, 62.4280



75.0185, 79.7357, 63.6621



16.1082, 16.4295, 16.4719



20.7249, 12.2479, 1.2718



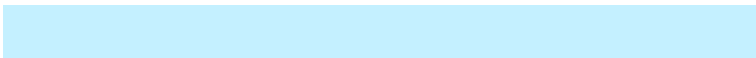
1.8023, 1.1752, 0.1318

Inverse Universe

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



67.0882, 74.7383, 94.8949



71.9762, 81.1430, 106.4764



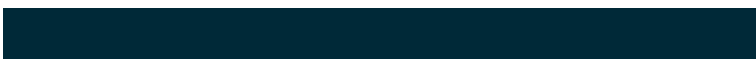
61.2269, 63.0158, 92.9411



15.8780, 17.1901, 20.2028



17.3698, 20.9639, 48.2588



1.5252, 1.9044, 4.0414

Previews

White Background



This preview shows how the XYZ color 69.1376, 67.9745, 61.7010 looks on a white background.

Color Contrast Check

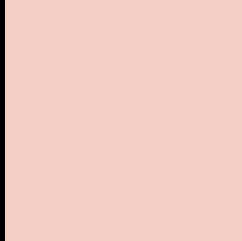
Large Text (above 18pt) WCAG AA × Fail

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 69.1376, 67.9745, 61.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

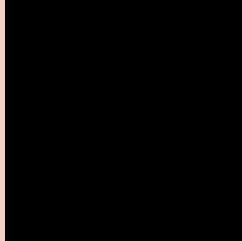
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1376, 67.9745, 61.7010

Background



This preview shows how black text looks on a background with the XYZ color 69.1376, 67.9745, 61.7010.



This preview shows how white text looks on a background with the XYZ color 69.1376, 67.9745,

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

69.1376, 67.9745, 61.7010

Protanopia

64.7868, 67.9046, 63.7251

Deuteranopia

69.4818, 68.1520, 61.7171



Tritanopia

72.1673, 67.7655, 76.9866

Trichromacy



Original Color

69.1376, 67.9745, 61.7010

Protanomaly

66.3697, 67.9872, 63.0509

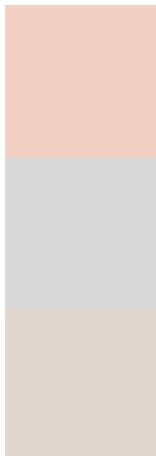
Deuteranomaly

69.4818, 68.1520, 61.7171

Tritanomaly

70.8974, 67.5989, 70.9392

Monochromacy



Original Color

69.1376, 67.9745, 61.7010

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.9192, 68.8653, 70.0869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1376, 67.9745, 61.7010 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(242, 208, 196) looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 196)  
}
```

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(242, 208, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 196) }
```

Border

The CSS property to change the border of an element to XYZ 69.1376, 67.9745, 61.7010 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(242, 208, 196) }
```


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

```
.border{ border-color:rgb(242, 208, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 208, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 196);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1376, 67.9745, 61.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 208, 196) }
```

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

```
.background{ background-color: rgb(242,  
208, 196) }
```

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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