

Converting Colors

XYZ(67.3847, 67.5952, 61.9306)

Have a look what the booklet for
XYZ(67.3847, 67.5952, 61.9306)
contains.

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Color

**XYZ(67.3563, 67.4193,
61.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD1C4
RGB	236, 209, 196
RGB Percent	93%, 82%, 77%
CMY	0.0745, 0.1804, 0.2314
CMYK	0.00, 0.11, 0.17, 0.07
HSL	20°, 51%, 85%
HSV	20°, 17%, 93%
XYZ	67.3563, 67.4193, 61.6877
YIQ	215.5910, 20.2650, 1.6810

Conversions

Conversions Part 2

Format	Color
R _Y B	236, 215, 196
Decimal	15520196
CIE Lab	85.72, 7.35, 9.88
CIE LCh	86, 12.313, 53.359
Yxy	67.4193, 0.3428, 0.3432
Android (android.graphics.Color)	4293710276 (0xFFECD1C4)
YUV	215.5910, -9.6584, 17.8987
Hunter-Lab	82.1093, 2.7369, 12.9326

Details

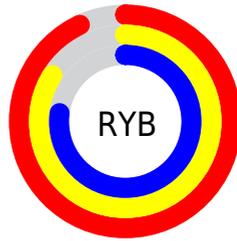
The XYZ color **67.3563, 67.4193, 61.6877** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2925, 70.5655, 89.5893**, and the grayscale version is **65.0475, 68.4350, 74.5257**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **35.4262, 35.0990, 30.4988** is the 20% darker color. If you saturate the color by 10%, you get **61.1646, 59.0016, 47.3969**, and if you desaturate by 10%, it is **74.3650, 76.7935, 78.3370**.

Distribution



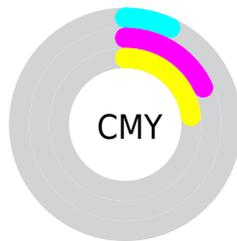
- Red (93%)
- Green (82%)
- Blue (77%)



- Red (93%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3563, 67.4193, 61.6877 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 67.3563, 67.4193, 61.6877 by changing the saturation by 10% instead.

67.3563, 67.4193,
61.6877

67.3563, 67.4193,
61.6877

440.6245,
451.4358, 448.7672

49.6460, 49.4255,
44.3462

114.4778,
115.5210, 108.8413

35.3488, 34.9571,
30.6036

144.6197,
146.3977, 139.4904

24.0995, 23.6298,
20.0413

179.6361,
182.3374, 175.4126

15.5326, 15.0593,
12.2407

219.8925,
223.7246, 217.0263

9.2827, 8.8610,
6.7833

265.7542,
270.9436, 264.7501

4.9846, 4.6506,
3.2506

317.5865,

2.2729, 2.0438,

324.3789, 319.0024

1.2239

375.7549,
384.4149, 380.2020

■ 0.7808, 0.6327,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3563, 67.4193,
61.6877

■ 67.3563, 67.4193,
61.6877

■ 61.1646, 59.0016,
47.3969

■ 74.3650, 76.7935,
78.3370

■ 55.7532, 51.5005,
35.3528

■ 82.2144, 87.1443,
97.4411

■ 51.0908, 44.8868,
25.4408

■ 88.4023, 96.5730,
108.5889

■ 47.1416, 39.1259,
17.5344

■ 43.8664, 34.1809,
11.4935

■ 41.2221, 30.0121,
7.1599

■ 39.1593, 26.5756,
4.3483

■ 37.6180, 23.8212,
2.8221

■ 37.2271, 23.1026,
2.4972

Harmonies

Analogous

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



69.1652, 67.4193, 67.4469



67.3563, 67.4193, 61.6877



64.7064, 67.4193, 59.0964

Triad

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



67.3563, 67.4193, 61.6877



58.8657, 67.4193, 71.6345



66.2445, 67.4193, 88.5371

Complementary

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



67.3563, 67.4193, 61.6877



64.2925, 70.5655, 89.5893

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.



63.4577, 67.4193, 89.8619



67.3563, 67.4193, 61.6877



59.2504, 67.4193, 79.7108

Square

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



67.3563, 67.4193, 61.6877



59.8450, 67.4193, 64.5619



60.9117, 67.4193, 86.5264



68.5103, 67.4193, 83.0277

Rectangle

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



67.3563, 67.4193, 61.6877



62.8407, 67.4193, 59.3691



60.9117, 67.4193, 86.5264



65.3355, 67.4193, 89.5024

Sweetspot

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



67.3581, 67.4223, 61.6891



90.3807, 93.8380, 97.5504



67.6970, 62.6593, 78.5750



19.2091, 19.9049, 20.5512



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.



67.3581, 67.4223, 61.6891



77.8850, 77.1114, 67.9058



72.4836, 77.6733, 63.3976



15.4654, 15.8537, 15.7637



20.6247, 12.9435, 1.4113



1.7041, 1.1856, 0.1390

Inverse Universe

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



64.2925, 70.5655, 89.5893



73.6486, 81.4508, 106.4476



59.3408, 60.6623, 87.9387



15.0810, 16.2484, 19.2637



15.3283, 17.3036, 46.2750



1.2905, 1.5324, 3.6626

Previews

White Background



This preview shows how the XYZ color 67.3563, 67.4193, 61.6877 looks on a white background.

Color Contrast Check

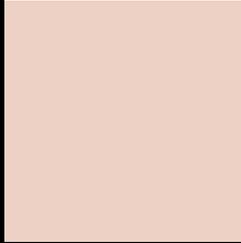
Large Text (above 18pt) WCAG AA × Fail

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 67.3563, 67.4193, 61.6877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

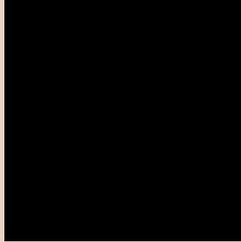
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

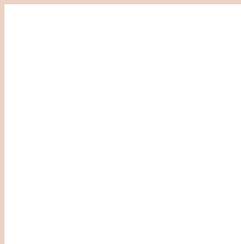
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3563, 67.4193, 61.6877

Background



This preview shows how black text looks on a background with the XYZ color 67.3563, 67.4193, 61.6877.



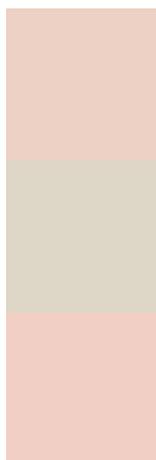
This preview shows how white text looks on a background with the XYZ color 67.3563, 67.4193,

61.6877.

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

67.3563, 67.4193, 61.6877

Protanopia

64.3638, 67.6999, 63.1011

Deuteranopia

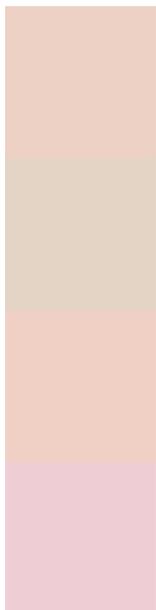
68.8946, 67.4884, 61.6200



Tritanopia

70.4791, 67.2338, 77.6694

Trichromacy



Original Color

67.3563, 67.4193, 61.6877

Protanomaly

65.3001, 67.4491, 62.4006

Deuteranomaly

68.4549, 67.6225, 61.6690

Tritanomaly

69.2149, 67.0732, 71.5858

Monochromacy



Original Color

67.3563, 67.4193, 61.6877

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.7343, 67.8799, 69.9592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3563, 67.4193, 61.6877 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(236, 209, 196) looks like.

```
.text, #text, p{  
    color:rgb(236, 209, 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(236, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 209, 196) }
```

Border

The CSS property to change the border of an element to XYZ 67.3563, 67.4193, 61.6877 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(236, 209, 196) }
```


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

```
.border{ border-color:rgb(236, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(236, 209,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3563, 67.4193, 61.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 209, 196) }
```

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

```
.background{ background-color: rgb(236,  
209, 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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