

Converting Colors

XYZ(67.6991, 69.3842, 57.8587)

Have a look what the booklet for
XYZ(67.6991, 69.3842, 57.8587)
contains.

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Color

**XYZ(67.8239, 69.6001,
58.0036)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD6BD
RGB	236, 214, 189
RGB Percent	93%, 84%, 74%
CMY	0.0745, 0.1608, 0.2588
CMYK	0.00, 0.09, 0.20, 0.07
HSL	32°, 55%, 83%
HSV	32°, 20%, 93%
XYZ	67.8239, 69.6001, 58.0036
YIQ	217.7280, 21.1370, -3.1110

Conversions

Conversions Part 2

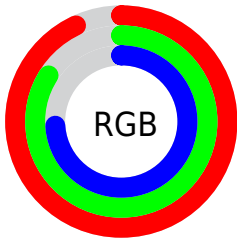
Format	Color
R _Y B	230, 236, 189
Decimal	15521469
CIE Lab	86.80, 3.70, 15.11
CIE LCh	87, 15.559, 76.243
Yxy	69.6001, 0.3471, 0.3561
Android (android.graphics.Color)	4293711549 (0xFFECD6BD)
YUV	217.7280, -14.1629, 16.0245
Hunter-Lab	83.4267, -0.8804, 17.1764

Details

The XYZ color **67.8239, 69.6001, 58.0036** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4204, 63.4619, 88.4748**, and the grayscale version is **66.5390, 70.0042, 76.2346**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **35.6645, 36.2771, 28.4150** is the 20% darker color. If you saturate the color by 10%, you get **62.7672, 63.2578, 44.6911**, and if you desaturate by 10%, it is **73.4908, 76.4944, 73.5776**.

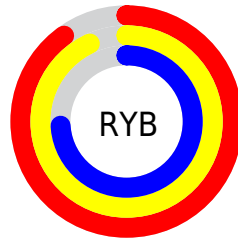
Distribution



Red (93%)

Green (84%)

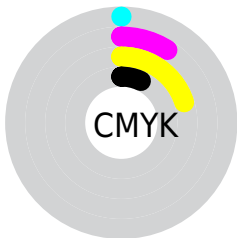
Blue (74%)



Red (90%)

Yellow (93%)

Blue (74%)

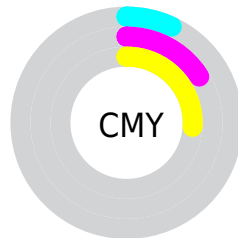


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8239, 69.6001, 58.0036 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 67.8239, 69.6001, 58.0036 by changing the saturation by 10% instead.


 67.8239, 69.6001,
58.0036

 67.8239, 69.6001,
58.0036


442.2583,
459.1446, 434.7980

 50.0276, 51.2006,
41.3968


 115.1435,
118.6383, 103.4429

 35.6532, 36.3683,
28.3072


145.3975,
150.0458, 133.1126

 24.3354, 24.7188,
18.3163


180.5348,
186.5580, 167.9736

 15.7087, 15.8676,
11.0056

220.9208,
228.5594, 208.4445

 9.4078, 9.4305,
5.9564

266.9208,
276.4344, 254.9438

 5.0673, 5.0231,
2.7502

318.9001,

 2.3220, 2.2608,

330.5673, 307.8902

0.9685

377.2242,
391.3426, 367.7020

■ 0.8059, 0.7528,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.8239, 69.6001,
58.0036

■ 67.8239, 69.6001,
58.0036

■ 62.7672, 63.2578,
44.6911

■ 73.4908, 76.4944,
73.5776

■ 58.2912, 57.4428,
33.5285

■ 79.7846, 83.9463,
91.5089

■ 54.3722, 52.1417,
24.4010

■ 85.9455, 91.6596,
107.7700

■ 50.9822, 47.3370,
17.1817

■ 88.4022, 96.5729,
108.5889

■ 48.0906, 43.0098,
11.7286

■ 45.6625, 39.1395,
7.8800

■ 43.6574, 35.7027,
5.4437

■ 42.0095, 32.6658,
4.0968

■ 41.9964, 32.6414,
4.0870

Harmonies

Analogous

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



71.0903, 69.6001, 62.2625



67.8239, 69.6001, 58.0036



64.2227, 69.6001, 58.1913

Triad

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



67.8239, 69.6001, 58.0036



59.6854, 69.6001, 81.5031



71.3148, 69.6001, 90.4404

Complementary

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



67.8239, 69.6001, 58.0036



59.4204, 63.4619, 88.4748

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.



68.1212, 69.6001, 96.6039



67.8239, 69.6001, 58.0036



61.4494, 69.6001, 91.1308

Square

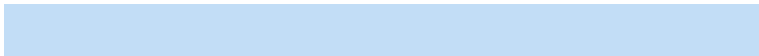
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8239, 69.6001, 58.0036



59.6124, 69.6001, 71.1349



64.5094, 69.6001, 96.8675



73.1550, 69.6001, 80.6286

Rectangle

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



67.8239, 69.6001, 58.0036



62.1179, 69.6001, 60.7992



64.5094, 69.6001, 96.8675



70.3588, 69.6001, 93.0454

Sweetspot

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



67.8258, 69.6032, 58.0051



90.4418, 94.5698, 95.6916



64.6383, 58.9681, 70.0760



19.2545, 20.1185, 20.1877



0.0000, 0.0000, 0.0000



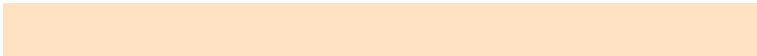
20.3446, 21.4041, 23.3091

Same Dimension

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



67.8258, 69.6032, 58.0051



78.2493, 79.7345, 62.1874



73.5138, 81.3645, 59.9754



15.7290, 16.3810, 15.8516



23.2801, 18.2544, 2.2964



1.9242, 1.6258, 0.2124

Inverse Universe

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



59.4204, 63.4619, 88.4748



66.4853, 71.1398, 104.8349



54.5199, 53.3716, 86.7855



14.8124, 15.7112, 19.1741



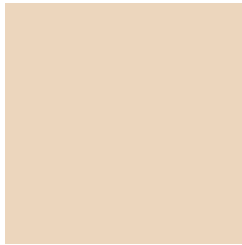
11.5728, 9.7926, 45.0232



1.0043, 0.9600, 3.5672

Previews

White Background



This preview shows how the XYZ color 67.8239, 69.6001, 58.0036 looks on a white background.

Color Contrast Check

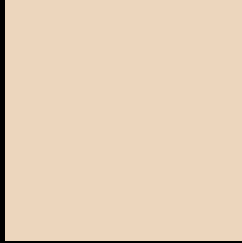
Large Text (above 18pt) WCAG AA × Fail

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 67.8239, 69.6001, 58.0036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

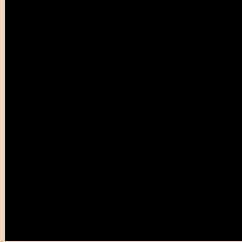
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.8239, 69.6001, 58.0036

Background



This preview shows how black text looks on a background with the XYZ color 67.8239, 69.6001, 58.0036.



This preview shows how white text looks on a background with the XYZ color 67.8239, 69.6001,

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

67.8239, 69.6001, 58.0036

Protanopia

66.1020, 69.8374, 58.7112

Deuteranopia

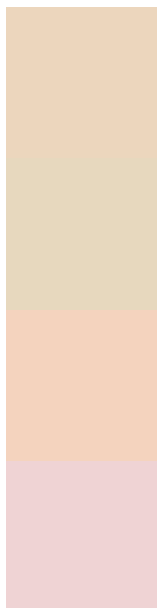
70.8061, 69.2751, 58.3547



Tritanopia

72.6667, 69.7379, 80.8650

Trichromacy



Original Color

67.8239, 69.6001, 58.0036

Protanomaly

66.8051, 69.8184, 58.6705

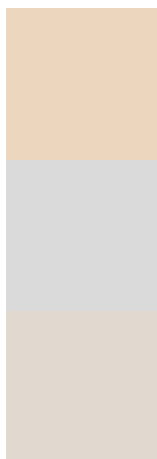
Deuteranomaly

69.8968, 69.5393, 58.4537

Tritanomaly

70.7745, 69.6927, 72.0092

Monochromacy



Original Color

67.8239, 69.6001, 58.0036

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.1267, 70.1383, 69.0316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8239, 69.6001, 58.0036 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, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(236, 214, 189)  
}
```

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, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 214, 189) }
```

Border

The CSS property to change the border of an element to XYZ 67.8239, 69.6001, 58.0036 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, 214, 189) }
```


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

```
.border{ border-color:rgb(236, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 214, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 214, 189); box-shadow:4px 4px 4px 4px rgb(236, 214, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8239, 69.6001, 58.0036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 214, 189) }
```

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

```
.background{ background-color: rgb(236,  
214, 189) }
```

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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