

Converting Colors

XYZ(69.2780, 70.7113, 62.5655)

Have a look what the booklet for
XYZ(69.2780, 70.7113, 62.5655)
contains.

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Color

**XYZ(69.3035, 70.6366,
62.8049)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD7C5
RGB	237, 215, 197
RGB Percent	93%, 84%, 77%
CMY	0.0706, 0.1568, 0.2274
CMYK	0.00, 0.09, 0.17, 0.07
HSL	27°, 53%, 85%
HSV	27°, 17%, 93%
XYZ	69.3035, 70.6366, 62.8049
YIQ	219.5260, 18.8900, -0.9340

Conversions

Conversions Part 2

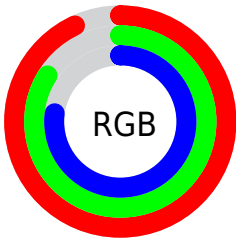
Format	Color
RYB	237, 230, 197
Decimal	15587269
CIELab	87.31, 4.74, 11.63
CIELCh	87, 12.560, 67.843
Yxy	70.6366, 0.3418, 0.3484
Android (android.graphics.Color)	4293777349 (0xFFEDD7C5)
YUV	219.5260, -11.1053, 15.3247
Hunter-Lab	84.0456, 0.1103, 14.5262

Details

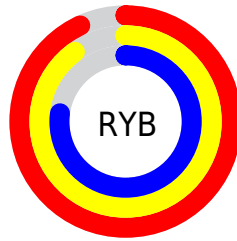
The XYZ color **69.3035, 70.6366, 62.8049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6432, 68.6462, 90.0169**, and the grayscale version is **67.7645, 71.2935, 77.6387**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **36.5848, 36.9485, 31.1902** is the 20% darker color. If you saturate the color by 10%, you get **63.6116, 63.2621, 48.5465**, and if you desaturate by 10%, it is **75.6906, 78.7170, 79.4030**.

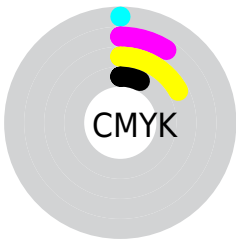
Distribution



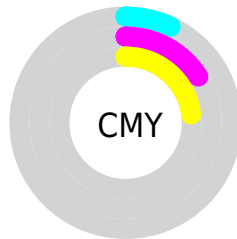
- Red (93%)
- Green (84%)
- Blue (77%)



- Red (93%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3035, 70.6366, 62.8049 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 69.3035, 70.6366, 62.8049 by changing the saturation by 10% instead.

69.3035, 70.6366,
62.8049

69.3035, 70.6366,
62.8049

447.4053,
462.7821, 452.9495

51.2365, 52.0457,
45.2434

117.2467,
120.1161, 110.4708

36.6186, 37.0415,
31.3048

147.8535,
151.7736, 141.4124

25.0847, 25.2396,
20.5707

183.3710,
188.5553, 177.6510

16.2692, 16.2557,
12.6224

224.1644,
230.8457, 219.6053

9.8069, 9.7053,
7.0414

270.5992,
279.0292, 267.6937

5.3324, 5.2040,
3.4091

323.0407,

2.4803, 2.3674,

333.4901, 322.3349

1.3072

381.8543,
394.6130, 383.9473

■ 0.8854, 0.8091,
0.0676

■ 0.0000, 0.0000,
0.0000

■ 69.3035, 70.6366,
62.8049

■ 69.3035, 70.6366,
62.8049

■ 63.6116, 63.2621,
48.5465

■ 75.6906, 78.7170,
79.4030

■ 58.5832, 56.5637,
36.5165

■ 82.7916, 87.5130,
98.4363

■ 54.1923, 50.5234,
26.6011

■ 88.4497, 96.1735,
108.5093

■ 50.4088, 45.1185,
18.6747

■ 88.7353, 96.7446,
108.6045

■ 47.2000, 40.3249,
12.5981

■ 44.5290, 36.1165,
8.2137

■ 42.3540, 32.4642,
5.3373

■ 40.6227, 29.3347,
3.7336

■ 40.1494, 28.4529,
3.3759

Harmonies

Analogous

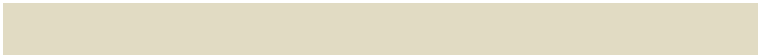
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.7251, 70.6366, 67.3549



69.3035, 70.6366, 62.8049



66.3657, 70.6366, 61.8926

Triad

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



69.3035, 70.6366, 62.8049



61.6657, 70.6366, 79.1529



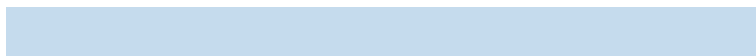
70.6841, 70.6366, 90.4889

Complementary

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



69.3035, 70.6366, 62.8049



63.6432, 68.6462, 90.0169

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.



67.9162, 70.6366, 94.1819



69.3035, 70.6366, 62.8049



62.7507, 70.6366, 87.3313

Square

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



69.3035, 70.6366, 62.8049



62.0125, 70.6366, 70.9366



65.0180, 70.6366, 92.9859



72.5383, 70.6366, 83.2123

Rectangle

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



69.3035, 70.6366, 62.8049



64.5194, 70.6366, 63.4027



65.0180, 70.6366, 92.9859



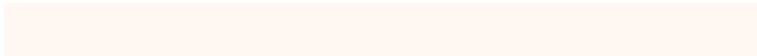
69.8265, 70.6366, 92.2139

Sweetspot

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



69.3054, 70.6398, 62.8064



90.8686, 94.8139, 97.7130



67.6782, 63.0524, 75.6219



19.3275, 20.1418, 20.5907



0.0000, 0.0000, 0.0000



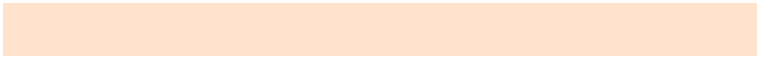
20.3446, 21.4041, 23.3091

Same Dimension

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



69.3054, 70.6398, 62.8064



79.5961, 80.5337, 68.4761



74.7120, 81.4530, 64.6086



15.6238, 16.1705, 15.8165



22.0470, 15.7882, 1.8854



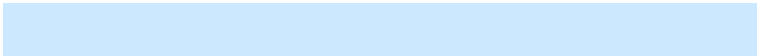
1.8261, 1.4294, 0.1797

Inverse Universe

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



63.6432, 68.6462, 90.0169



71.8209, 77.7955, 105.8384



58.7364, 58.8326, 88.3813



14.9178, 15.9221, 19.2093



12.8604, 12.3678, 45.4524



1.1057, 1.1629, 3.6011

Previews

White Background



This preview shows how the XYZ color 69.3035, 70.6366, 62.8049 looks on a white background.

Color Contrast Check

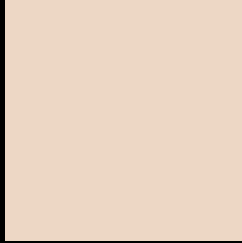
Large Text (above 18pt) WCAG AA × Fail

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 69.3035, 70.6366, 62.8049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

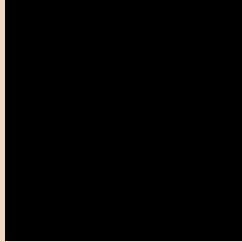
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3035, 70.6366, 62.8049

Background



This preview shows how black text looks on a background with the XYZ color 69.3035, 70.6366, 62.8049.



This preview shows how white text looks on a background with the XYZ color 69.3035, 70.6366,

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

69.3035, 70.6366, 62.8049

Protanopia

67.0588, 70.5972, 64.1251

Deuteranopia

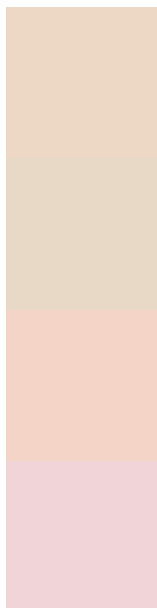
72.1987, 70.6222, 63.2522



Tritanopia

73.4350, 70.8354, 82.4752

Trichromacy



Original Color

69.3035, 70.6366, 62.8049

Protanomaly

67.9609, 70.6918, 63.4890

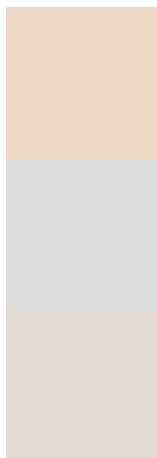
Deuteranomaly

71.0448, 70.3973, 63.2697

Tritanomaly

71.8733, 70.5701, 74.7990

Monochromacy



Original Color

69.3035, 70.6366, 62.8049

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3191, 71.0650, 72.4035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3035, 70.6366, 62.8049 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(237, 215, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 197)  
}
```

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(237, 215, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 197) }
```

Border

The CSS property to change the border of an element to XYZ 69.3035, 70.6366, 62.8049 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(237, 215, 197) }
```


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

```
.border{ border-color:rgb(237, 215, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 215, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 197);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3035, 70.6366, 62.8049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 197) }
```

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

```
.background{ background-color: rgb(237,  
215, 197) }
```

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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