

Converting Colors

XYZ(70.6145, 75.9141, 66.3177)

Have a look what the booklet for
XYZ(70.6145, 75.9141, 66.3177)
contains.

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Color

**XYZ(70.6448, 75.9782,
66.2002)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3C9
RGB	230, 227, 201
RGB Percent	90%, 89%, 79%
CMY	0.0980, 0.1098, 0.2118
CMYK	0.00, 0.01, 0.13, 0.10
HSL	54°, 37%, 85%
HSV	54°, 13%, 90%
XYZ	70.6448, 75.9782, 66.2002
YIQ	224.9330, 10.1340, -7.4500

Conversions

Conversions Part 2

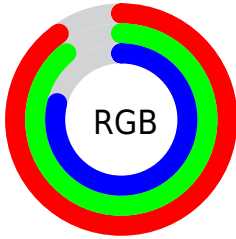
Format	Color
RYB	204, 230, 201
Decimal	15131593
CIELab	89.85, -3.33, 13.07
CIELCh	90, 13.484, 104.302
Yxy	75.9782, 0.3319, 0.3570
Android (android.graphics.Color)	4293321673 (0xFFE6E3C9)
YUV	224.9330, -11.7990, 4.4438
Hunter-Lab	87.1655, -7.8711, 15.9864

Details

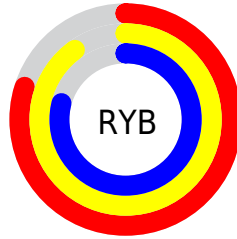
The XYZ color **70.6448, 75.9782, 66.2002** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.9630, 61.3152, 83.5381**, and the grayscale version is **71.5986, 75.3273, 82.0315**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4745, 40.6103, 33.4672** is the 20% darker color. If you saturate the color by 10%, you get **67.4948, 73.6882, 52.7862**, and if you desaturate by 10%, it is **74.2131, 78.4549, 81.7542**.

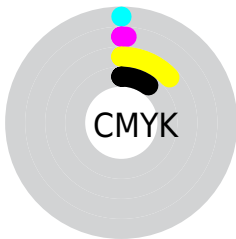
Distribution



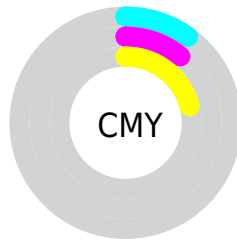
- Red (90%)
- Green (89%)
- Blue (79%)



- Red (80%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6448, 75.9782, 66.2002 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 70.6448, 75.9782, 66.2002 by changing the saturation by 10% instead.

70.6448, 75.9782,
66.2002

70.6448, 75.9782,
66.2002

452.0420,
481.2731, 465.5163

52.3339, 56.4146,
47.9774

119.1491,
127.6961, 115.4034

37.4966, 40.5355,
33.4491

150.0732,
160.6192, 147.2208

25.7677, 27.9563,
22.1968

185.9323,
198.7643, 184.4070

16.7817, 18.2927,
13.8019

227.0919,
242.5157, 227.3803

10.1733, 11.1603,
7.8458

273.9173,
292.2579, 276.5593

5.5772, 6.1748,
3.9101

326.7739,

2.6279, 2.9517,

348.3753, 332.3627

1.5762

386.0270,
411.2522, 395.2088

■ 0.9602, 1.1065,
0.2737

■ 0.0000, 0.0000,
0.0000

■ 70.6448, 75.9782,
66.2002

■ 70.6448, 75.9782,
66.2002

■ 67.4948, 73.6882,
52.7862

■ 74.2131, 78.4549,
81.7542

■ 64.7389, 71.5677,
41.4129

■ 78.2104, 81.1150,
99.5319

■ 62.3598, 69.6121,
31.9801

■ 80.1439, 82.9641,
106.3974

■ 60.3366, 67.8130,
24.3775

■ 80.8253, 84.3269,
106.6245

■ 58.6462, 66.1612,
18.4838

■ 81.5157, 85.7078,
106.8547

■ 57.2627, 64.6461,
14.1627

■ 82.2154, 87.1071,
107.0879

■ 56.1562, 63.2559,
11.2575

■ 82.9242, 88.5247,
107.3241

■ 55.2908, 61.9761,
9.5788

■ 83.6422, 89.9607,
107.5635

■ 54.7639, 61.0841,
8.9040

■ 84.3694, 91.4152,
107.8059

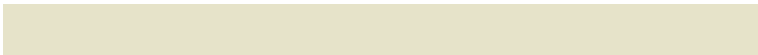
Harmonies

Analogous

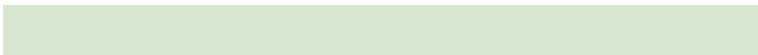
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9613, 75.9782, 66.2999



70.6448, 75.9782, 66.2002



67.8347, 75.9782, 70.2856

Triad

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



70.6448, 75.9782, 66.2002



67.7289, 75.9782, 96.2072



78.5561, 75.9782, 87.7886

Complementary

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



70.6448, 75.9782, 66.2002



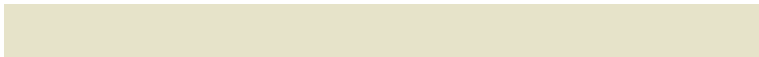
59.9630, 61.3152, 83.5381

Split Complementary

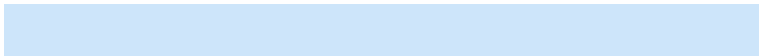
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7800, 75.9782, 96.5569



70.6448, 75.9782, 66.2002



70.4964, 75.9782, 101.6662

Square

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



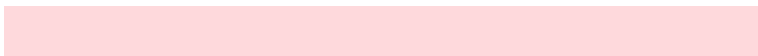
70.6448, 75.9782, 66.2002



66.1866, 75.9782, 87.3405



73.8083, 75.9782, 101.7989



78.5988, 75.9782, 78.2796

Rectangle

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



70.6448, 75.9782, 66.2002



66.5977, 75.9782, 75.0278



73.8083, 75.9782, 101.7989



78.1396, 75.9782, 90.9364

Sweetspot

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



70.6469, 75.9815, 66.2018



93.1157, 98.6900, 100.3676



64.4658, 62.9754, 66.1269



19.8548, 21.0719, 21.1502



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.



70.6469, 75.9815, 66.2018



88.2445, 95.2820, 79.2156



68.0185, 75.8534, 66.3156



15.4678, 16.5494, 15.2836



31.0569, 34.6880, 5.0586



2.3318, 2.6370, 0.3861

Inverse Universe

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



59.9630, 61.3152, 83.5381



72.3685, 73.4884, 104.9782



62.3555, 61.5019, 83.4481



13.7020, 14.1254, 18.1486



8.3096, 3.6814, 42.6558



0.6547, 0.3534, 3.1657

Previews

White Background



This preview shows how the XYZ color 70.6448, 75.9782, 66.2002 looks on a white background.

Color Contrast Check

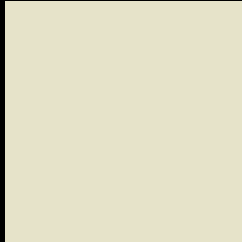
Large Text (above 18pt) WCAG AA × Fail

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 70.6448, 75.9782, 66.2002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

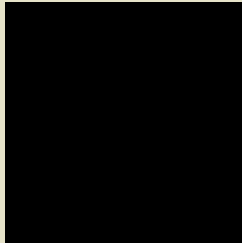
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

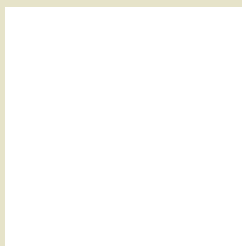
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6448, 75.9782, 66.2002

Background



This preview shows how black text looks on a background with the XYZ color 70.6448, 75.9782, 66.2002.



This preview shows how white text looks on a background with the XYZ color 70.6448, 75.9782,

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

70.6448, 75.9782, 66.2002

Protanopia

71.9426, 75.8534, 65.4930

Deuteranopia

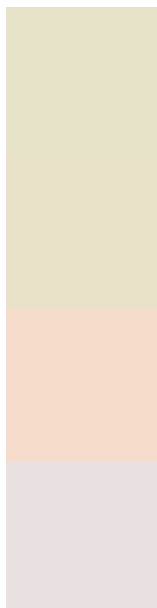
77.2105, 75.7624, 67.6809



Tritanopia

75.9622, 76.1367, 92.3536

Trichromacy



Original Color

70.6448, 75.9782, 66.2002

Protanomaly

71.5534, 76.0553, 65.5524

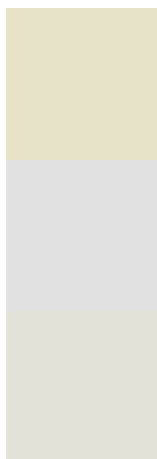
Deuteranomaly

74.6420, 75.6175, 67.1615

Tritanomaly

73.8505, 76.0712, 82.0250

Monochromacy



Original Color

70.6448, 75.9782, 66.2002

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.2696, 75.6815, 75.8174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6448, 75.9782, 66.2002 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(230, 227, 201)` looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 201)  
}
```

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(230, 227, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 201) }
```

Border

The CSS property to change the border of an element to XYZ 70.6448, 75.9782, 66.2002 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(230, 227, 201) }
```


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

```
.border{ border-color:rgb(230, 227, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 227, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 201);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6448, 75.9782, 66.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 201) }
```

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

```
.background{ background-color: rgb(230,  
227, 201) }
```

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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