

Converting Colors

XYZ(71.9534, 76.5261, 66.5417)

Have a look what the booklet for
XYZ(71.9534, 76.5261, 66.5417)
contains.

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Color

**XYZ(71.9434, 76.6476,
66.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE3C9
RGB	234, 227, 201
RGB Percent	92%, 89%, 79%
CMY	0.0823, 0.1098, 0.2118
CMYK	0.00, 0.03, 0.14, 0.08
HSL	47°, 44%, 85%
HSV	47°, 14%, 92%
XYZ	71.9434, 76.6476, 66.2610
YIQ	226.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

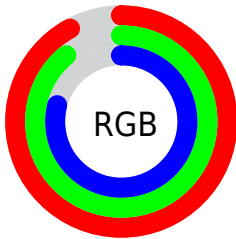
Format	Color
RYB	210, 234, 201
Decimal	15393737
CIELab	90.16, -1.91, 13.55
CIElCh	90, 13.683, 98.019
Yxy	76.6476, 0.3349, 0.3567
Android (android.graphics.Color)	4293583817 (0xFFEAE3C9)
YUV	226.1290, -12.3886, 6.9029
Hunter-Lab	87.5486, -6.5270, 16.4105

Details

The XYZ color **71.9434, 76.6476, 66.2610** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.4945, 63.4687, 86.8522**, and the grayscale version is **72.4642, 76.2380, 83.0232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3791, 41.0766, 33.5095** is the 20% darker color. If you saturate the color by 10%, you get **68.0612, 72.9575, 52.4051**, and if you desaturate by 10%, it is **76.2882, 80.5904, 82.3418**.

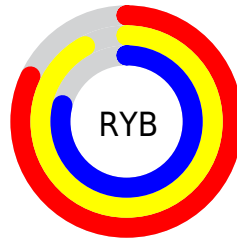
Distribution



Red (92%)

Green (89%)

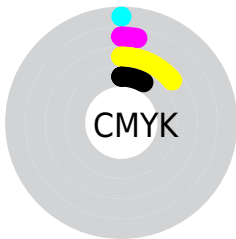
Blue (79%)



Red (82%)

Yellow (92%)

Blue (79%)

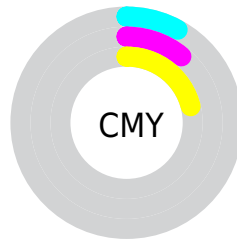


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9434, 76.6476, 66.2610 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 71.9434, 76.6476, 66.2610 by changing the saturation by 10% instead.

71.9434, 76.6476,
66.2610

71.9434, 76.6476,
66.2610

456.5053,
483.5617, 465.7394

53.3977, 56.9637,
48.0265

120.9873,
128.6419, 115.4914

38.3491, 40.9761,
33.4877

152.2162,
161.7211, 147.3244

26.4322, 28.3004,
22.2262

188.4037,
200.0342, 184.5273

17.2816, 18.5522,
13.8233

229.9149,
243.9655, 227.5187

10.5320, 11.3472,
7.8605

277.1153,
293.8996, 276.7170

5.8181, 6.3009,
3.9193

330.3703,

2.7744, 3.0289,

350.2207, 332.5409

1.5812

390.0452,
413.3132, 395.4088

■ 1.0356, 1.1468,
0.2773

■ 0.0000, 0.0176,
0.0000

■ 71.9434, 76.6476,
66.2610

■ 71.9434, 76.6476,
66.2610

■ 68.0612, 72.9575,
52.4051

■ 76.2882, 80.5904,
82.3418

■ 64.6162, 69.5018,
40.6695

■ 81.1075, 84.7835,
100.7360

■ 61.5899, 66.2750,
30.9485

■ 83.7005, 88.1496,
107.2108

■ 58.9595, 63.2677,
23.1253

■ 85.1962, 91.1409,
107.7094

■ 56.7006, 60.4692,
17.0711

■ 86.7321, 94.2129,
108.2214

■ 54.7850, 57.8681,
12.6409

■ 87.7420, 96.2326,
108.5580

■ 53.1808, 55.4508,
9.6670

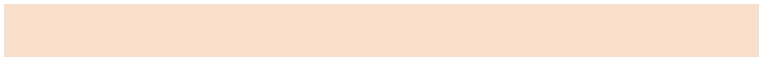
■ 51.8486, 53.2012,
7.9446

■ 51.1549, 51.9385,
7.3290

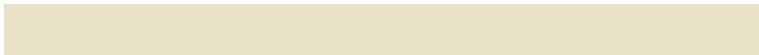
Harmonies

Analogous

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



75.3249, 76.6476, 67.2758



71.9434, 76.6476, 66.2610



68.8998, 76.6476, 69.5627

Triad

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



71.9434, 76.6476, 66.2610



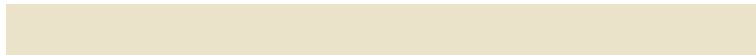
67.8231, 76.6476, 95.5228



79.0809, 76.6476, 90.6596

Complementary

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



71.9434, 76.6476, 66.2610



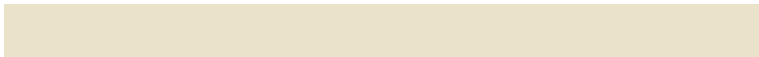
61.4945, 63.4687, 86.8522

Split Complementary

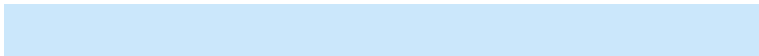
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9510, 76.6476, 99.0864



71.9434, 76.6476, 66.2610



70.4324, 76.6476, 102.0428

Square

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



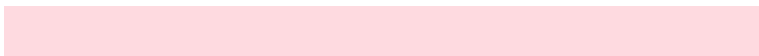
71.9434, 76.6476, 66.2610



66.5697, 76.6476, 86.0944



73.7667, 76.6476, 103.3952



79.5160, 76.6476, 80.8725

Rectangle

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



71.9434, 76.6476, 66.2610



67.4474, 76.6476, 73.9306



73.7667, 76.6476, 103.3952



78.5363, 76.6476, 93.7668

Sweetspot

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



71.9455, 76.6510, 66.2626



92.7650, 97.9885, 100.2506



66.2229, 63.8283, 68.6021



19.7658, 20.8938, 21.1205



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.



71.9455, 76.6510, 66.2626



85.9777, 91.7921, 75.2423



70.9086, 79.0149, 66.7736



16.0652, 17.0534, 15.9636



28.8408, 29.3758, 4.1500



2.3323, 2.4419, 0.3484

Inverse Universe

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



61.4945, 63.4687, 86.8522



70.9147, 72.7933, 104.9206



62.4170, 61.4680, 86.4174



14.4900, 15.0664, 19.0666



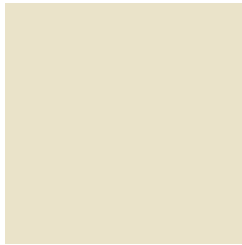
9.0509, 4.7489, 44.1826



0.7791, 0.5096, 3.4922

Previews

White Background



This preview shows how the XYZ color 71.9434, 76.6476, 66.2610 looks on a white background.

Color Contrast Check

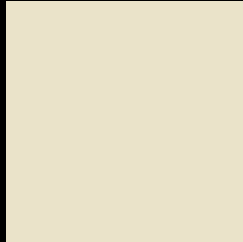
Large Text (above 18pt) WCAG AA × Fail

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 71.9434, 76.6476, 66.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

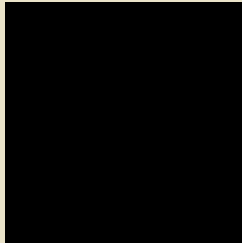
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

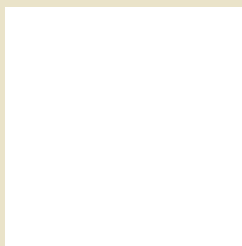
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9434, 76.6476, 66.2610

Background



This preview shows how black text looks on a background with the XYZ color 71.9434, 76.6476, 66.2610.



This preview shows how white text looks on a background with the XYZ color 71.9434, 76.6476,

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

71.9434, 76.6476, 66.2610

Protanopia

72.6640, 76.6143, 66.2166

Deuteranopia

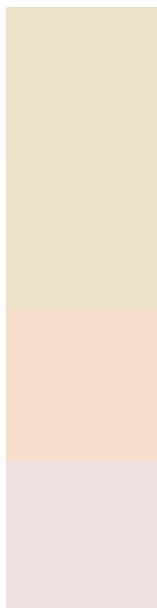
77.5910, 76.3308, 68.4014



Tritanopia

77.2979, 76.8253, 92.4161

Trichromacy



Original Color

71.9434, 76.6476, 66.2610

Protanomaly

72.3310, 76.4426, 66.2010

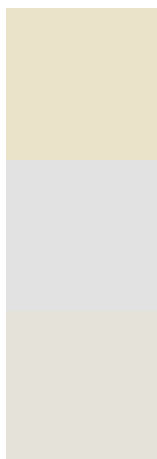
Deuteranomaly

75.3781, 76.3763, 67.8960

Tritanomaly

75.1713, 76.7521, 82.0868

Monochromacy



Original Color

71.9434, 76.6476, 66.2610

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.0338, 76.0605, 76.5302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9434, 76.6476, 66.2610 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(234, 227, 201)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 227, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 201) }
```

Border

The CSS property to change the border of an element to XYZ 71.9434, 76.6476, 66.2610 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(234, 227, 201) }
```


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

```
.border{ border-color:rgb(234, 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(234, 227, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 201);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9434, 76.6476, 66.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 201) }
```

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

```
.background{ background-color: rgb(234,  
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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