

Converting Colors

XYZ(76.1824, 70.7327, 44.6067)

Have a look what the booklet for
XYZ(76.1824, 70.7327, 44.6067)
contains.

XYZ(69.7722, 67.6030, 44.4932) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(69.7722, 67.6030,
44.4932)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDA4
RGB	255, 205, 164
RGB Percent	100%, 80%, 64%
CMY	0.0000, 0.1961, 0.3569
CMYK	0.00, 0.20, 0.36, 0.00
HSL	27°, 100%, 82%
HSV	27°, 36%, 100%
XYZ	69.7722, 67.6030, 44.4932
YIQ	215.2760, 42.9610, -2.1510

Conversions

Conversions Part 2

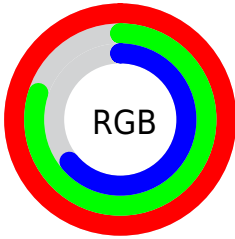
Format	Color
R _Y B	255, 239, 164
Decimal	16764324
CIE Lab	85.81, 12.22, 27.12
CIE LCh	86, 29.742, 65.746
Yxy	67.6030, 0.3836, 0.3717
Android (android.graphics.Color)	4294954404 (0xFFFFCDA4)
YUV	215.2760, -25.2791, 34.8379
Hunter-Lab	82.2210, 7.5870, 25.4705

Details

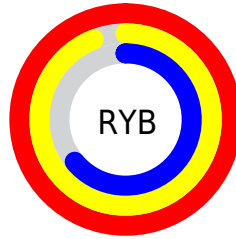
The XYZ color **69.7722, 67.6030, 44.4932** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.4055, 63.2034, 103.7816**, and the grayscale version is **64.9254, 68.3066, 74.3858**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **37.0172, 35.1734, 20.1674** is the 20% darker color. If you saturate the color by 10%, you get **64.4940, 60.3699, 32.4890**, and if you desaturate by 10%, it is **75.8155, 75.6273, 59.0317**.

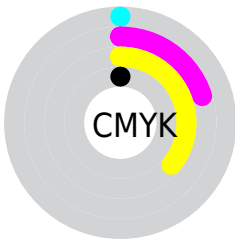
Distribution



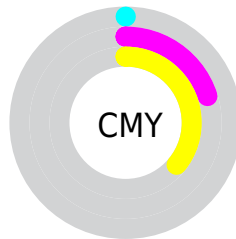
- Red (100%)
- Green (80%)
- Blue (64%)



- Red (100%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7722, 67.6030, 44.4932 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 69.7722, 67.6030, 44.4932 by changing the saturation by 10% instead.


 69.7722, 67.6030,
44.4932


 69.7722, 67.6030,
44.4932


449.0287,
452.0881, 380.8172

 51.6198, 49.5748,
30.7184


 117.9119,
115.7840, 83.2697

 36.9251, 35.0757,
20.1278


 148.6298,
146.7057, 109.1086

 25.3229, 23.7212,
12.3030


184.2670,
182.6939, 139.8058

 16.4478, 15.1269,
6.8254

225.1888,
224.1332, 175.7800

 9.9345, 8.9085,
3.2763

271.7605,
271.4078, 217.4497

 5.4175, 4.6816,
1.2374

324.3474,

 2.5315, 2.0617,

324.9023, 265.2335

0.0096

383.3150,
385.0009, 319.5498

■ 0.9112, 0.6429,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.7722, 67.6030,
44.4932

■ 69.7722, 67.6030,
44.4932

■ 64.4940, 60.3699,
32.4890

■ 75.8155, 75.6273,
59.0317

■ 59.9404, 53.8917,
22.8662

■ 82.6520, 84.4586,
76.2370

■ 56.0742, 48.1430,
15.4618

■ 90.3142, 94.1239,
96.2370

■ 52.8520, 43.0928,
10.0898

95.0500, 100.0000,
108.9000

■ 50.2245, 38.7071,
6.5336

■ 48.1317, 34.9467,
4.5252

■ 47.3600, 33.5000,
3.9700

Harmonies

Analogous

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



75.4521, 67.6030, 53.8422



69.7722, 67.6030, 44.4932



62.9555, 67.6030, 42.3035

Triad

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



69.7722, 67.6030, 44.4932



52.1125, 67.6030, 77.4180



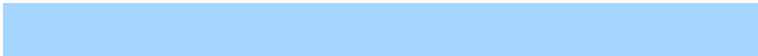
72.1930, 67.6030, 108.3434

Complementary

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



69.7722, 67.6030, 44.4932



57.4055, 63.2034, 103.7816

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.



65.5715, 67.6030, 117.4653



69.7722, 67.6030, 44.4932



54.2237, 67.6030, 97.7014

Square

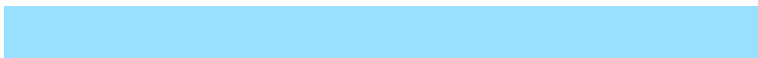
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7722, 67.6030, 44.4932



53.0640, 67.6030, 59.2831



59.0359, 67.6030, 113.2631



76.9173, 67.6030, 90.0728

Rectangle

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



69.7722, 67.6030, 44.4932



58.7450, 67.6030, 44.7881



59.0359, 67.6030, 113.2631



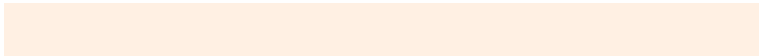
70.0984, 67.6030, 112.7153

Sweetspot

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



69.7739, 67.6061, 44.4946



86.1376, 88.8821, 85.2529



66.6598, 52.6692, 70.3051



18.2171, 18.7464, 17.6756



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.



69.7739, 67.6061, 44.4946



65.8391, 62.2376, 35.4728



82.2666, 92.5917, 48.6588



18.6834, 19.3350, 18.8916



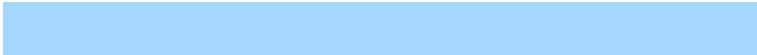
24.8909, 17.7930, 2.1225



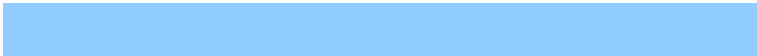
2.5308, 1.9470, 0.2424

Inverse Universe

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



57.4055, 63.2034, 103.7816



51.7617, 57.2173, 102.9237



47.4649, 43.3221, 100.4681



17.8303, 19.0322, 22.9838



14.4903, 13.8902, 51.3519



1.5200, 1.5708, 5.0363

Previews

White Background



This preview shows how the XYZ color 69.7722, 67.6030, 44.4932 looks on a white background.

Color Contrast Check

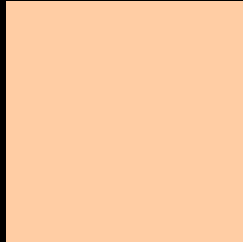
Large Text (above 18pt) WCAG AA × Fail

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 69.7722, 67.6030, 44.4932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

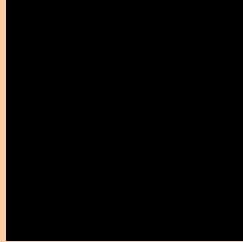
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7722, 67.6030, 44.4932

Background



This preview shows how black text looks on a background with the XYZ color 69.7722, 67.6030, 44.4932.



This preview shows how white text looks on a background with the XYZ color 69.7722, 67.6030,

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

69.7722, 67.6030, 44.4932

Protanopia

63.4275, 67.5783, 46.7467

Deuteranopia

68.9170, 67.5184, 44.5220



Tritanopia

74.0319, 67.4236, 72.7305

Trichromacy



Original Color

69.7722, 67.6030, 44.4932

Protanomaly

65.5292, 67.5557, 46.1450

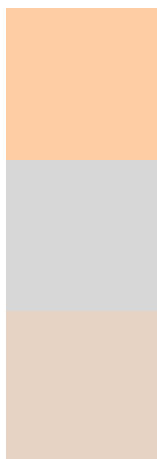
Deuteranomaly

69.2802, 67.7056, 44.5390

Tritanomaly

72.3243, 67.4866, 61.4389

Monochromacy



Original Color

69.7722, 67.6030, 44.4932

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.8912, 67.3970, 61.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7722, 67.6030, 44.4932 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(255, 205, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 164)  
}
```

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(255, 205, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 164) }
```

Border

The CSS property to change the border of an element to XYZ 69.7722, 67.6030, 44.4932 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(255, 205, 164) }
```


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

```
.border{ border-color:rgb(255, 205, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7722, 67.6030, 44.4932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 164) }
```

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

```
.background{ background-color: rgb(255,  
205, 164) }
```

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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