

Converting Colors

XYZ(66.8537, 69.6625, 43.3194)

Have a look what the booklet for
XYZ(66.8537, 69.6625, 43.3194)
contains.

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Color

**XYZ(66.9212, 69.8397,
43.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D7A0
RGB	241, 215, 160
RGB Percent	95%, 84%, 63%
CMY	0.0549, 0.1568, 0.3725
CMYK	0.00, 0.11, 0.34, 0.05
HSL	41°, 74%, 79%
HSV	41°, 34%, 95%
XYZ	66.9212, 69.8397, 43.2110
YIQ	216.5040, 33.1510, -11.5930

Conversions

Conversions Part 2

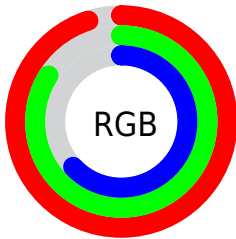
Format	Color
R_{YB}	198, 241, 160
Decimal	15849376
CIE _{Lab}	86.92, 1.20, 30.47
CIE _{LCh}	87, 30.495, 87.743
Yxy	69.8397, 0.3718, 0.3881
Android (android.graphics.Color)	4294039456 (0xFFFF1D7A0)
YUV	216.5040, -27.8565, 21.4830
Hunter-Lab	83.5702, -3.3088, 27.8425

Details

The XYZ color **66.9212, 69.8397, 43.2110** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.9328, 48.9407, 90.1393**, and the grayscale version is **65.7840, 69.2099, 75.3696**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **35.0447, 36.4147, 19.3690** is the 20% darker color. If you saturate the color by 10%, you get **63.0914, 65.2331, 32.5220**, and if you desaturate by 10%, it is **71.2564, 74.8024, 56.0862**.

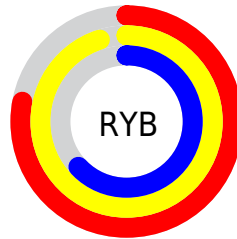
Distribution



Red (95%)

Green (84%)

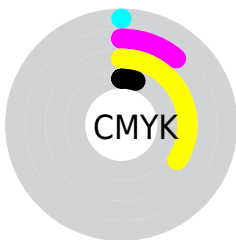
Blue (63%)



Red (78%)

Yellow (95%)

Blue (63%)

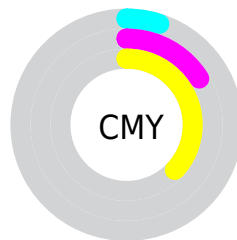


Cyan (0%)

Magenta (11%)

Yellow (34%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9212, 69.8397, 43.2110 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 66.9212, 69.8397, 43.2110 by changing the saturation by 10% instead.


 66.9212, 69.8397,
43.2110


 66.9212, 69.8397,
43.2110


439.1011,
459.9870, 375.4255

 49.2911, 51.3959,
29.7181


 113.8579,
118.9801, 81.3189

 35.0659, 36.5238,
19.3745


 143.8952,
150.4455, 106.7710

 23.8804, 24.8390,
11.7616


178.7989,
187.0202, 137.0466

 15.3692, 15.9571,
6.4610

218.9344,
229.0886, 172.5642

 9.1669, 9.4938,
3.0541

264.6670,
277.0350, 213.7423

 4.9082, 5.0647,
1.1223

316.3621,

 2.2277, 2.2852,

331.2440, 260.9996

0.0000

374.3850,
392.0998, 314.7544

■ 0.7573, 0.7659,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.9212, 69.8397,
43.2110

■ 66.9212, 69.8397,
43.2110

■ 63.0914, 65.2331,
32.5220

■ 71.2564, 74.8024,
56.0862

■ 59.7366, 60.9610,
23.8897

■ 76.1147, 80.1229,
71.2585

■ 56.8313, 57.0135,
17.1773

■ 81.5194, 85.8148,
88.8364

■ 54.3447, 53.3763,
12.2297

■ 87.2640, 91.7975,
107.7271

■ 52.2414, 50.0329,
8.8673

■ 89.6650, 96.5996,
108.5275

■ 50.4786, 46.9642,
6.8716

■ 90.0856, 97.4408,
108.6677

■ 49.4900, 45.1295,
6.1025

Harmonies

Analogous

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



73.9581, 69.8397, 47.4744



66.9212, 69.8397, 43.2110



60.2099, 69.8397, 46.3553

Triad

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



66.9212, 69.8397, 43.2110



54.9871, 69.8397, 95.7924



78.6430, 69.8397, 98.9461

Complementary

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



66.9212, 69.8397, 43.2110



47.9328, 48.9407, 90.1393

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.



72.9590, 69.8397, 116.2869



66.9212, 69.8397, 43.2110



59.3390, 69.8397, 114.2493

Square

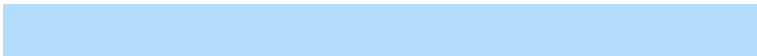
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.9212, 69.8397, 43.2110



53.6200, 69.8397, 74.5098



65.8428, 69.8397, 122.3302



81.0202, 69.8397, 77.5983

Rectangle

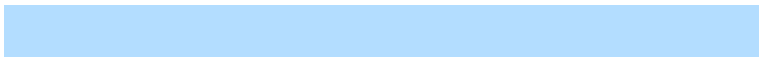
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.9212, 69.8397, 43.2110



56.7554, 69.8397, 52.6091



65.8428, 69.8397, 122.3302



77.0366, 69.8397, 105.5715

Sweetspot

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



66.9230, 69.8429, 43.2124



88.6575, 93.3545, 87.8418



57.8166, 47.4310, 53.1223



18.7950, 19.7892, 18.2168



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.



66.9230, 69.8429, 43.2124



73.1818, 75.9440, 40.9385



69.6373, 81.8611, 45.3891



16.6704, 17.5538, 16.6593



26.9645, 24.7271, 3.3516



2.3327, 2.2360, 0.3087

Inverse Universe

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



47.9328, 48.9407, 90.1393



48.6898, 48.9981, 101.4991



45.7931, 40.4347, 88.6102



15.3114, 16.0568, 20.0139



10.1697, 6.5637, 45.8588



0.9326, 0.7192, 3.8439

Previews

White Background



This preview shows how the XYZ color 66.9212, 69.8397, 43.2110 looks on a white background.

Color Contrast Check

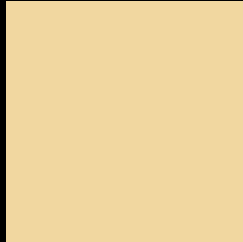
Large Text (above 18pt) WCAG AA × Fail

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 66.9212, 69.8397, 43.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

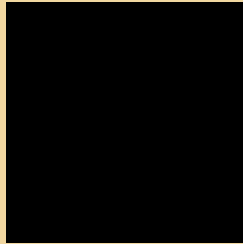
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9212, 69.8397, 43.2110

Background



This preview shows how black text looks on a background with the XYZ color 66.9212, 69.8397, 43.2110.



This preview shows how white text looks on a background with the XYZ color 66.9212, 69.8397,

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

66.9212, 69.8397, 43.2110

Protanopia

65.4361, 70.2084, 43.8209

Deuteranopia

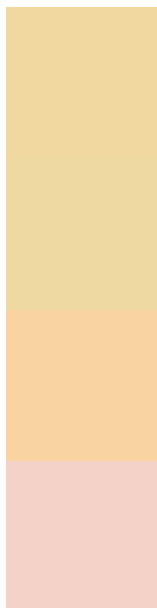
70.8320, 69.5775, 45.2939



Tritanopia

74.3435, 69.9098, 79.3877

Trichromacy



Original Color

66.9212, 69.8397, 43.2110

Protanomaly

66.1709, 70.2034, 43.7813

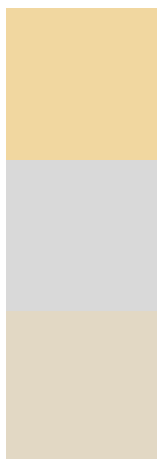
Deuteranomaly

69.3295, 69.5569, 44.4221

Tritanomaly

71.1281, 69.6758, 64.3435

Monochromacy



Original Color

66.9212, 69.8397, 43.2110

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.8837, 69.2660, 62.1218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9212, 69.8397, 43.2110 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(241, 215, 160)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 160)  
}
```

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(241, 215, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 160) }
```

Border

The CSS property to change the border of an element to XYZ 66.9212, 69.8397, 43.2110 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(241, 215, 160) }
```


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

```
.border{ border-color:rgb(241, 215, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 160);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9212, 69.8397, 43.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 160) }
```

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

```
.background{ background-color: rgb(241,  
215, 160) }
```

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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