

Converting Colors

XYZ(96.5006, 82.9683, 42.3715)

Have a look what the booklet for
XYZ(96.5006, 82.9683, 42.3715)
contains.

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Color

**XYZ(70.0412, 69.2612,
41.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD19C
RGB	255, 209, 156
RGB Percent	100%, 82%, 61%
CMY	0.0000, 0.1804, 0.3882
CMYK	0.00, 0.18, 0.39, 0.00
HSL	32°, 100%, 81%
HSV	32°, 39%, 100%
XYZ	70.0412, 69.2612, 41.1297
YIQ	216.7120, 44.4290, -6.7310

Conversions

Conversions Part 2

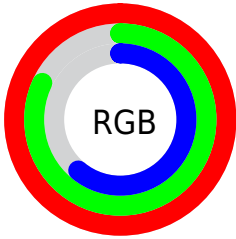
Format	Color
R _Y B	242, 255, 156
Decimal	16765340
CIE Lab	86.63, 9.24, 32.38
CIE LCh	87, 33.670, 74.077
Yxy	69.2612, 0.3882, 0.3839
Android (android.graphics.Color)	4294955420 (0xFFFFD19C)
YUV	216.7120, -29.9310, 33.5786
Hunter-Lab	83.2233, 4.5858, 28.9547

Details

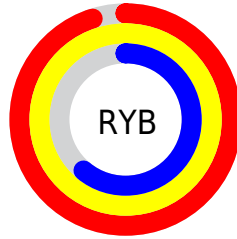
The XYZ color **70.0412, 69.2612, 41.1297** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8801, 56.5271, 102.7314**, and the grayscale version is **65.9347, 69.3684, 75.5422**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **37.2460, 36.3125, 18.1426** is the 20% darker color. If you saturate the color by 10%, you get **65.3055, 62.8901, 29.9932**, and if you desaturate by 10%, it is **75.4499, 76.2524, 54.7282**.

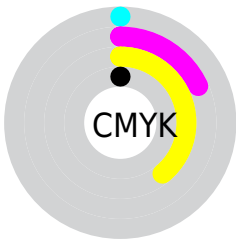
Distribution



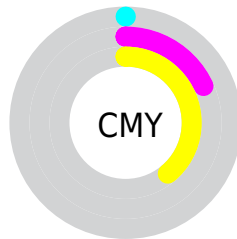
- Red (100%)
- Green (82%)
- Blue (61%)



- Red (95%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0412, 69.2612, 41.1297 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 70.0412, 69.2612, 41.1297 by changing the saturation by 10% instead.


 70.0412, 69.2612,
41.1297


 70.0412, 69.2612,
41.1297


449.9588,
457.9517, 366.5551

 51.8398, 50.9245,
28.1000


 118.2935,
118.1546, 78.1366

 37.1012, 36.1485,
18.1613

 149.0751,
149.4800, 102.9508

 25.4599, 24.5489,
10.8952


184.7808,
185.9038, 132.5302

 16.5506, 15.7413,
5.8832

225.7760,
227.8103, 167.2935

 10.0079, 9.3413,
2.7065

272.4261,
275.5839, 207.6590

 5.4665, 4.9644,
0.9467

325.0963,

 2.5610, 2.2264,

329.6091, 254.0455

0.0000

384.1521,
390.2702, 306.8713

■ 0.9261, 0.7343,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0412, 69.2612,
41.1297

■ 70.0412, 69.2612,
41.1297

■ 65.3055, 62.8901,
29.9932

■ 75.4499, 76.2524,
54.7282

■ 61.2043, 57.1087,
21.1624

■ 81.5569, 83.8735,
70.9235

■ 57.7026, 51.8978,
14.4693

■ 88.3926, 92.1462,
89.8455

■ 54.7591, 47.2327,
9.7210

95.0500, 100.0000,
108.9000

■ 52.3255, 43.0860,
6.6889

■ 50.3340, 39.4218,
5.0425

■ 50.1189, 39.0178,
4.8896

Harmonies

Analogous

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



77.2305, 69.2612, 49.2570



70.0412, 69.2612, 41.1297



62.2420, 69.2612, 40.8905

Triad

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



70.0412, 69.2612, 41.1297



52.3007, 69.2612, 86.3760



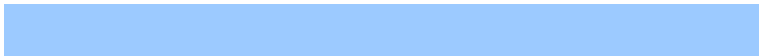
76.8501, 69.2612, 110.7600

Complementary

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



70.0412, 69.2612, 41.1297



52.8801, 56.5271, 102.7314

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.



69.5547, 69.2612, 125.3499



70.0412, 69.2612, 41.1297



55.6118, 69.2612, 109.4974

Square

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



70.0412, 69.2612, 41.1297



52.4083, 69.2612, 64.2092



61.7924, 69.2612, 124.8467



81.3689, 69.2612, 87.8512

Rectangle

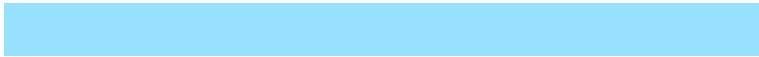
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0412, 69.2612, 41.1297



57.7627, 69.2612, 45.0817



61.7924, 69.2612, 124.8467



74.6170, 69.2612, 116.9848

Sweetspot

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



70.0429, 69.2645, 41.1311



86.1401, 89.4461, 83.5305



63.8133, 49.3114, 62.1567



18.2440, 18.9117, 17.3409



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.



70.0429, 69.2645, 41.1311



66.1206, 64.0072, 31.8468



81.7972, 94.5598, 45.3941



18.8148, 19.5979, 18.9354



26.3393, 20.6898, 2.6053



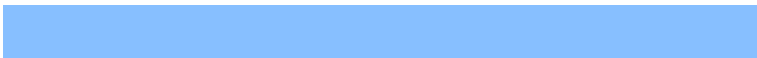
2.6739, 2.2333, 0.2901

Inverse Universe

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



52.8801, 56.5271, 102.7314



46.6598, 49.5713, 101.7167



44.2968, 38.3994, 99.6848



17.6986, 18.7688, 22.9399



12.9917, 10.8929, 50.8524



1.3730, 1.2766, 4.9873

Previews

White Background



This preview shows how the XYZ color 70.0412, 69.2612, 41.1297 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 70.0412, 69.2612, 41.1297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

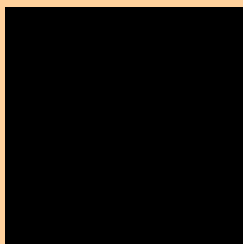
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0412, 69.2612, 41.1297

Background



This preview shows how black text looks on a background with the XYZ color 70.0412, 69.2612, 41.1297.



This preview shows how white text looks on a background with the XYZ color 70.0412, 69.2612,

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

70.0412, 69.2612, 41.1297

Protanopia

64.6751, 69.4525, 42.7978

Deuteranopia

70.4735, 69.4341, 43.4060



Tritanopia

75.3573, 69.4555, 75.0801

Trichromacy



Original Color

70.0412, 69.2612, 41.1297

Protanomaly

66.4938, 69.2625, 42.2122

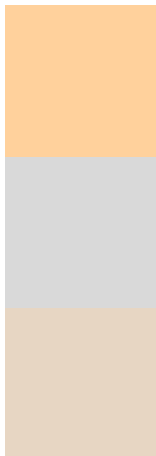
Deuteranomaly

70.2985, 69.3641, 42.4844

Tritanomaly

73.1616, 69.3427, 61.1582

Monochromacy



Original Color

70.0412, 69.2612, 41.1297

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.8519, 69.0222, 61.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0412, 69.2612, 41.1297 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, 209, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 156)  
}
```

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, 209, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 156) }
```

Border

The CSS property to change the border of an element to XYZ 70.0412, 69.2612, 41.1297 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, 209, 156) }
```


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

```
.border{ border-color:rgb(255, 209, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 209, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 209, 156); box-shadow:4px 4px 4px 4px rgb(255, 209, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0412, 69.2612, 41.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 156) }
```

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

```
.background{ background-color: rgb(255,  
209, 156) }
```

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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