

Converting Colors

XYZ(86.1817, 78.0822, 35.4674)

Have a look what the booklet for
XYZ(86.1817, 78.0822, 35.4674)
contains.

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Color

**XYZ(69.0202, 69.2466,
34.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD28C
RGB	255, 210, 140
RGB Percent	100%, 82%, 55%
CMY	0.0000, 0.1764, 0.4510
CMYK	0.00, 0.18, 0.45, 0.00
HSL	37°, 100%, 77%
HSV	37°, 45%, 100%
XYZ	69.0202, 69.2466, 34.5391
YIQ	215.4750, 49.2900, -12.2300

Conversions

Conversions Part 2

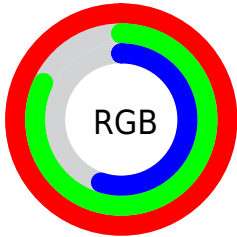
Format	Color
R _Y B	214, 255, 140
Decimal	16765580
CIE Lab	86.63, 7.06, 40.54
CIE LCh	87, 41.152, 80.117
Yxy	69.2466, 0.3994, 0.4007
Android (android.graphics.Color)	4294955660 (0xFFFFD28C)
YUV	215.4750, -37.2092, 34.6634
Hunter-Lab	83.2145, 2.4269, 33.6412

Details

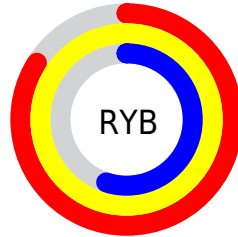
The XYZ color **69.0202, 69.2466, 34.5391** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.2135, 47.4916, 101.3386**, and the grayscale version is **65.1361, 68.5282, 74.6272**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **36.4566, 36.2340, 14.5236** is the 20% darker color. If you saturate the color by 10%, you get **64.9670, 63.8086, 24.9620**, and if you desaturate by 10%, it is **73.6661, 75.1726, 46.4646**.

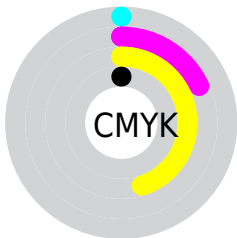
Distribution



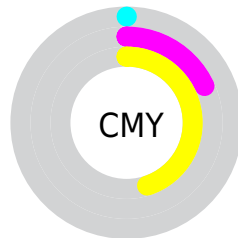
- Red (100%)
- Green (82%)
- Blue (55%)



- Red (84%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0202, 69.2466, 34.5391 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 69.0202, 69.2466, 34.5391 by changing the saturation by 10% instead.

 69.0202, 69.2466,
34.5391

 69.0202, 69.2466,
34.5391


446.4225,
457.9002, 337.3715


 51.0049, 50.9126,
23.0274


 116.8443,
118.1337, 67.9146

 36.4335, 36.1390,
14.4082


 147.3838,
149.4556, 90.6154

 24.9409, 24.5416,
8.2631


 182.8288,
185.8756, 117.8830

 16.1615, 15.7359,
4.1736

223.5445,
227.7780, 150.1359

 9.7301, 9.3374,
1.7211

269.8964,
275.5473, 187.7927

 5.2812, 4.9619,
0.3751

322.2498,

 2.4497, 2.2249,

329.5678, 231.2718

0.0000

380.9700,
390.2240, 280.9919

■ 0.8699, 0.7335,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.0202, 69.2466,
34.5391

■ 69.0202, 69.2466,
34.5391

■ 64.9670, 63.8086,
24.9620

■ 73.6661, 75.1726,
46.4646

■ 61.4680, 58.8310,
17.5675

■ 78.9299, 81.5933,
60.8805

■ 58.4878, 54.2975,
12.1744

■ 84.8413, 88.5272,
77.9224

■ 55.9830, 50.1864,
8.5702

■ 91.4262, 95.9889,
97.7151

■ 53.9013, 46.4716, 95.0499, 100.0000,
6.4932 108.9000

■ 52.9996, 44.7793,
5.8499

Harmonies

Analogous

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



78.3119, 69.2466, 41.8053



69.0202, 69.2466, 34.5391



59.6990, 69.2466, 36.0026

Triad

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



69.0202, 69.2466, 34.5391



50.0314, 69.2466, 94.9773



80.9425, 69.2466, 114.4114

Complementary

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



69.0202, 69.2466, 34.5391



46.2135, 47.4916, 101.3386

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.



72.3389, 69.2466, 136.3686



69.0202, 69.2466, 34.5391



54.7269, 69.2466, 123.3992

Square

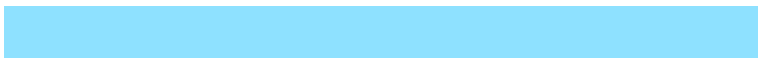
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0202, 69.2466, 34.5391



49.3284, 69.2466, 66.7241



62.7141, 69.2466, 140.0059



85.6223, 69.2466, 84.7923

Rectangle

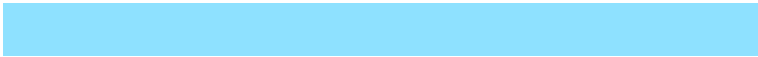
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0202, 69.2466, 34.5391



54.6761, 69.2466, 41.8986



62.7141, 69.2466, 140.0059



78.3765, 69.2466, 123.2075

Sweetspot

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



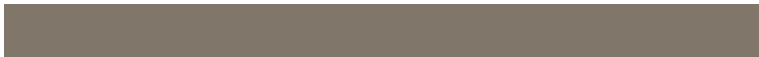
69.0219, 69.2499, 34.5405



85.5306, 89.3200, 79.9576



59.4814, 43.5620, 51.7283



18.0186, 18.7858, 16.2643



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.



69.0219, 69.2499, 34.5405



65.3842, 64.3827, 25.9032



77.6287, 92.5571, 38.5856



18.9297, 19.8276, 18.9737



27.8430, 23.6973, 3.1065



2.8173, 2.5201, 0.3379

Inverse Universe

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



46.2135, 47.4916, 101.3386



40.0226, 40.2149, 100.2606



40.2842, 32.6042, 98.7776



17.5859, 18.5434, 22.9023



11.9359, 8.7814, 50.5005



1.2647, 1.0601, 4.9512

Previews

White Background



This preview shows how the XYZ color 69.0202, 69.2466, 34.5391 looks on a white background.

Color Contrast Check

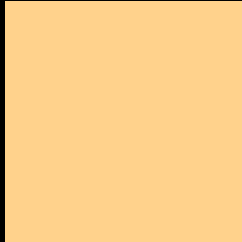
Large Text (above 18pt) WCAG AA × Fail

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 69.0202, 69.2466, 34.5391 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 69.0202, 69.2466, 34.5391

Background



This preview shows how black text looks on a background with the XYZ color 69.0202, 69.2466, 34.5391.



This preview shows how white text looks on a background with the XYZ color 69.0202, 69.2466,

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

69.0202, 69.2466, 34.5391

Protanopia

64.3629, 69.4417, 35.9979

Deuteranopia

69.9569, 69.2275, 40.6855



Tritanopia

75.2275, 69.4036, 74.3971

Trichromacy



Original Color

69.0202, 69.2466, 34.5391

Protanomaly

65.8912, 69.1008, 35.4561

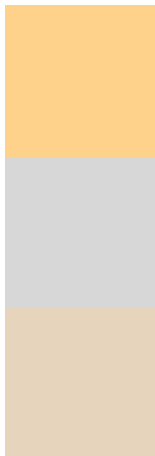
Deuteranomaly

69.5455, 69.0629, 38.5192

Tritanomaly

72.3884, 69.0335, 57.0865

Monochromacy



Original Color

69.0202, 69.2466, 34.5391

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.5045, 68.0423, 57.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0202, 69.2466, 34.5391 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, 210, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 140)  
}
```

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, 210, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 140) }
```

Border

The CSS property to change the border of an element to XYZ 69.0202, 69.2466, 34.5391 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, 210, 140) }
```


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

```
.border{ border-color:rgb(255, 210, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 140); box-shadow:4px 4px 4px 4px rgb(255, 210, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0202, 69.2466, 34.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 140) }
```

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

```
.background{ background-color: rgb(255,  
210, 140) }
```

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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