

Converting Colors

XYZ(68.9551, 69.6661, 54.1072)

Have a look what the booklet for
XYZ(68.9551, 69.6661, 54.1072)
contains.

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Color

**XYZ(68.9491, 69.5191,
54.0405)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D4B6
RGB	243, 212, 182
RGB Percent	95%, 83%, 71%
CMY	0.0471, 0.1686, 0.2863
CMYK	0.00, 0.13, 0.25, 0.05
HSL	30°, 72%, 83%
HSV	30°, 25%, 95%
XYZ	68.9491, 69.5191, 54.0405
YIQ	217.8490, 28.1060, -2.7580

Conversions

Conversions Part 2

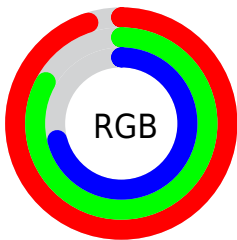
Format	Color
R _Y B	243, 241, 182
Decimal	15979702
CIE Lab	86.76, 6.33, 18.82
CIE LCh	87, 19.859, 71.415
Yxy	69.5191, 0.3582, 0.3611
Android (android.graphics.Color)	4294169782 (0xFFFF3D4B6)
YUV	217.8490, -17.6736, 22.0574
Hunter-Lab	83.3781, 1.6979, 19.9366

Details

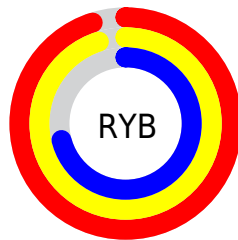
The XYZ color **68.9491, 69.5191, 54.0405** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.2627, 64.0027, 94.0245**, and the grayscale version is **66.6424, 70.1130, 76.3531**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **36.2691, 36.1380, 25.8326** is the 20% darker color. If you saturate the color by 10%, you get **63.6835, 62.6639, 40.9522**, and if you desaturate by 10%, it is **74.8902, 77.0271, 69.5055**.

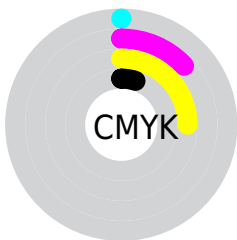
Distribution



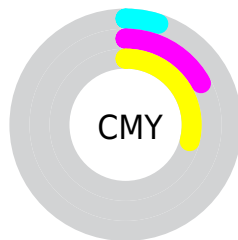
- Red (95%)
- Green (83%)
- Blue (71%)



- Red (95%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (5%)




- Cyan (5%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9491, 69.5191, 54.0405 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 68.9491, 69.5191, 54.0405 by changing the saturation by 10% instead.


 68.9491, 69.5191,
54.0405

 68.9491, 69.5191,
54.0405


446.1756,
458.8597, 419.4434

 50.9467, 51.1346,
38.2406


 116.7433,
118.5227, 97.5907

 36.3871, 36.3157,
25.8662


147.2659,
149.9106, 126.1781

 24.9048, 24.6781,
16.4987


182.6927,
186.4017, 159.8652

 16.1345, 15.8374,
9.7196

223.3889,
228.3804, 199.0704

 9.7108, 9.4092,
5.1103

269.7199,
276.2312, 244.2123

 5.2684, 5.0090,
2.2522

322.0511,

 2.4420, 2.2526,

330.3384, 295.7094

0.7043

380.7479,
391.0864, 353.9802

■ 0.8661, 0.7484,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.9491, 69.5191,
54.0405

■ 68.9491, 69.5191,
54.0405

■ 63.6835, 62.6639,
40.9522

■ 74.8902, 77.0271,
69.5055

■ 59.0603, 56.4325,
30.1158

■ 81.5273, 85.1968,
87.4544

■ 55.0512, 50.8073,
21.4020

■ 88.8868, 94.0491,
107.9933

■ 51.6235, 45.7663,
14.6660

■ 90.7722, 97.7947,
108.6998

■ 48.7407, 41.2855,
9.7448

■ 46.3613, 37.3384,
6.4488

■ 44.4348, 33.8946,
4.5450

■ 43.6222, 32.3747,
3.9498

Harmonies

Analogous

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



72.9677, 69.5191, 60.0741



68.9491, 69.5191, 54.0405



64.3324, 69.5191, 53.3851

Triad

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



68.9491, 69.5191, 54.0405



57.7411, 69.5191, 80.8448



72.1313, 69.5191, 96.4329

Complementary

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



68.9491, 69.5191, 54.0405



59.2627, 64.0027, 94.0245

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.



67.8505, 69.5191, 103.4866



68.9491, 69.5191, 54.0405



59.6322, 69.5191, 93.8119

Square

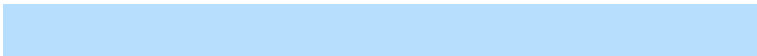
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.9491, 69.5191, 54.0405



58.0045, 69.5191, 67.8685



63.2835, 69.5191, 102.4751



74.8632, 69.5191, 84.1001

Rectangle

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



68.9491, 69.5191, 54.0405



61.5506, 69.5191, 55.9835



63.2835, 69.5191, 102.4751



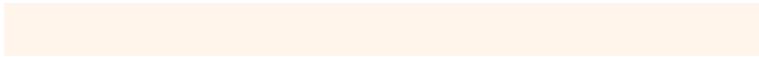
70.8175, 69.5191, 99.5614

Sweetspot

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



68.9509, 69.5223, 54.0419



88.7196, 92.3190, 91.4379



65.7666, 57.3418, 70.8976



18.7472, 19.4626, 18.9129



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.



68.9509, 69.5223, 54.0419



73.9153, 73.6726, 52.7077



77.1531, 85.9267, 56.7760



17.1722, 17.8286, 17.3338



24.0757, 18.0371, 2.2126



2.2186, 1.7905, 0.2287

Inverse Universe

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



59.2627, 64.0027, 94.0245



61.4335, 66.5612, 104.2174



52.4068, 50.2909, 91.7392



16.2772, 17.3188, 21.0275



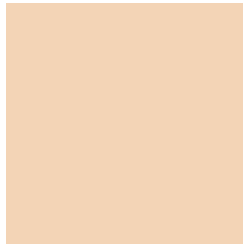
12.9338, 11.6614, 48.1072



1.2396, 1.2306, 4.2624

Previews

White Background



This preview shows how the XYZ color 68.9491, 69.5191, 54.0405 looks on a white background.

Color Contrast Check

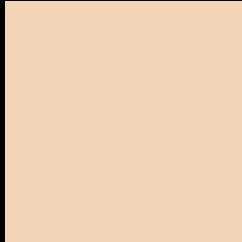
Large Text (above 18pt) WCAG AA × Fail

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 68.9491, 69.5191, 54.0405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

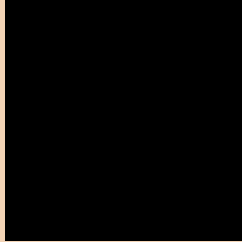
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9491, 69.5191, 54.0405

Background



This preview shows how black text looks on a background with the XYZ color 68.9491, 69.5191, 54.0405.



This preview shows how white text looks on a background with the XYZ color 68.9491, 69.5191,

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

68.9491, 69.5191, 54.0405

Protanopia

65.7777, 69.7444, 55.3426

Deuteranopia

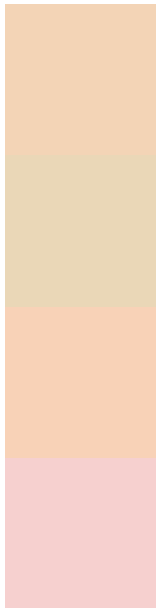
71.1314, 69.5291, 54.4712



Tritanopia

73.9675, 69.3730, 78.5991

Trichromacy



Original Color

68.9491, 69.5191, 54.0405

Protanomaly

66.7794, 69.5122, 54.6973

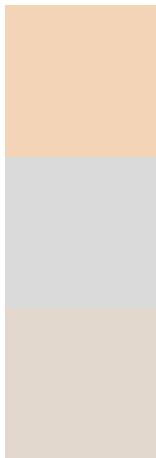
Deuteranomaly

70.3052, 69.4685, 54.5030

Tritanomaly

71.8244, 69.2096, 68.6047

Monochromacy



Original Color

68.9491, 69.5191, 54.0405

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2539, 69.8504, 67.6954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9491, 69.5191, 54.0405 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(243, 212, 182)` looks like.

```
.text, #text, p{  
    color:rgb(243, 212, 182)  
}
```

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(243, 212, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 212, 182) }
```

Border

The CSS property to change the border of an element to XYZ 68.9491, 69.5191, 54.0405 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(243, 212, 182) }
```


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

```
.border{ border-color:rgb(243, 212, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 212, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 212, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 212, 182); box-shadow:4px 4px 4px 4px rgb(243, 212, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9491, 69.5191, 54.0405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 212, 182) }
```

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

```
.background{ background-color: rgb(243,  
212, 182) }
```

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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