

Converting Colors

XYZ(70.0473, 69.8057, 39.4920)

Have a look what the booklet for
XYZ(70.0473, 69.8057, 39.4920)
contains.

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Color

**XYZ(69.9541, 69.6202,
39.4568)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD298
RGB	255, 210, 152
RGB Percent	100%, 82%, 60%
CMY	0.0000, 0.1764, 0.4039
CMYK	0.00, 0.18, 0.40, 0.00
HSL	34°, 100%, 80%
HSV	34°, 40%, 100%
XYZ	69.9541, 69.6202, 39.4568
YIQ	216.8430, 45.4380, -8.4980

Conversions

Conversions Part 2

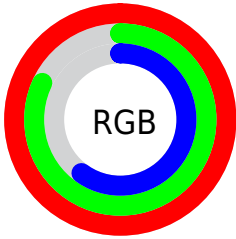
Format	Color
R _Y B	232, 255, 152
Decimal	16765592
CIE Lab	86.81, 8.29, 34.67
CIE LCh	87, 35.647, 76.557
Yxy	69.6202, 0.3907, 0.3889
Android (android.graphics.Color)	4294955672 (0xFFFFD298)
YUV	216.8430, -31.9676, 33.4637
Hunter-Lab	83.4387, 3.6347, 30.3698

Details

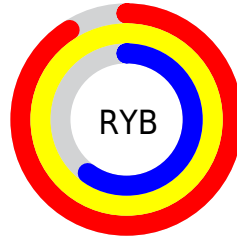
The XYZ color **69.9541, 69.6202, 39.4568** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9644, 53.8260, 102.3110**, and the grayscale version is **66.0375, 69.4766, 75.6601**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **37.2147, 36.5674, 17.1534** is the 20% darker color. If you saturate the color by 10%, you get **65.4312, 63.5651, 28.7296**, and if you desaturate by 10%, it is **75.1209, 76.2444, 52.6151**.

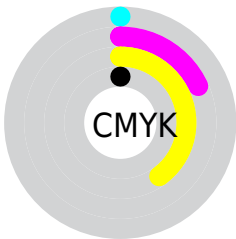
Distribution



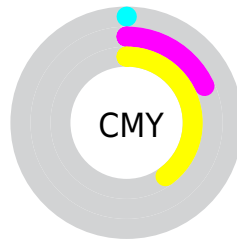
- Red (100%)
- Green (82%)
- Blue (60%)



- Red (91%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9541, 69.6202, 39.4568 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 69.9541, 69.6202, 39.4568 by changing the saturation by 10% instead.


 69.9541, 69.6202,
39.4568

 69.9541, 69.6202,
39.4568


449.6578,
459.2153, 359.3125

 51.7686, 51.2170,
26.8047


 118.1699,
118.6670, 75.5636

 37.0442, 36.3813,
17.1955


 148.9309,
150.0793, 99.8555

 25.4155, 24.7288,
10.2105

184.6145,
186.5968, 128.8643

 16.5173, 15.8751,
5.4313

225.5859,
228.6038, 163.0087

 9.9841, 9.4358,
2.4394

272.2106,
276.4848, 202.7072

 5.4506, 5.0265,
0.8078

324.8539,

 2.5514, 2.2628,

330.6241, 248.3783

0.0000

383.8812,
391.4062, 300.4405

■ 0.9213, 0.7539,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9541, 69.6202,
39.4568

■ 69.9541, 69.6202,
39.4568

■ 65.4312, 63.5651,
28.7296

■ 75.1209, 76.2444,
52.6151

■ 61.5142, 58.0499,
20.2750

■ 80.9567, 83.4458,
68.3409

■ 58.1682, 53.0569,
13.9222

■ 87.4912, 91.2450,
86.7654

■ 55.3520, 48.5629,
9.4740

94.7507, 99.6580,
108.0096

■ 53.0169, 44.5417, 95.0500, 100.0000,
6.6949 108.9000

■ 51.1537, 41.0875,
5.2346

Harmonies

Analogous

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



77.7711, 69.6202, 47.2116



69.9541, 69.6202, 39.4568



61.7247, 69.6202, 39.8746

Triad

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



69.9541, 69.6202, 39.4568



52.0151, 69.6202, 89.5986



78.4567, 69.6202, 111.8015

Complementary

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



69.9541, 69.6202, 39.4568



50.9644, 53.8260, 102.3110

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.



70.8277, 69.6202, 128.6351



69.9541, 69.6202, 39.4568



55.7874, 69.6202, 114.0945

Square

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



69.9541, 69.6202, 39.4568



51.8240, 69.6202, 65.6620



62.5286, 69.6202, 129.5526



82.9501, 69.6202, 86.9412

Rectangle

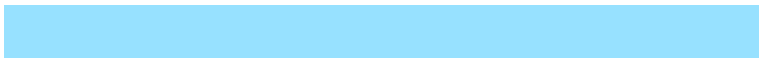
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9541, 69.6202, 39.4568



57.1089, 69.6202, 44.6832



62.5286, 69.6202, 129.5526



76.1464, 69.6202, 118.7945

Sweetspot

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



69.9558, 69.6235, 39.4582



86.3918, 89.9494, 83.6144



62.7021, 47.8105, 59.5622



18.3032, 19.0302, 17.3606



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.



69.9558, 69.6235, 39.4582



66.4567, 64.9638, 31.0823



80.7982, 94.0833, 43.6080



18.8582, 19.6845, 18.9499



26.8803, 21.7718, 2.7856



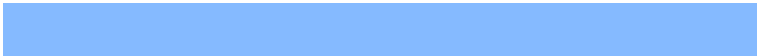
2.7260, 2.3374, 0.3075

Inverse Universe

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



50.9644, 53.8260, 102.3110



45.2332, 47.3209, 101.3575



43.2128, 36.8605, 99.4449



17.6558, 18.6833, 22.9256



12.5666, 10.0429, 50.7107



1.3300, 1.1907, 4.9730

Previews

White Background



This preview shows how the XYZ color 69.9541, 69.6202, 39.4568 looks on a white background.

Color Contrast Check

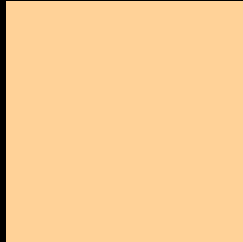
Large Text (above 18pt) WCAG AA × Fail

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 69.9541, 69.6202, 39.4568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

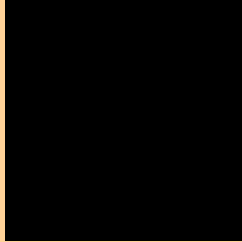
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9541, 69.6202, 39.4568

Background



This preview shows how black text looks on a background with the XYZ color 69.9541, 69.6202, 39.4568.



This preview shows how white text looks on a background with the XYZ color 69.9541, 69.6202,

39.4568.

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

69.9541, 69.6202, 39.4568

Protanopia

64.6609, 69.4847, 41.0142

Deuteranopia

70.4735, 69.4341, 43.4060



Tritanopia

75.3573, 69.4555, 75.0801

Trichromacy



Original Color

69.9541, 69.6202, 39.4568

Protanomaly

66.4973, 69.3035, 40.4440

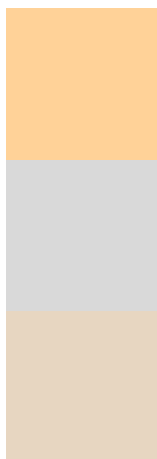
Deuteranomaly

70.2120, 69.3296, 42.0291

Tritanomaly

72.9369, 69.2529, 59.9750

Monochromacy



Original Color

69.9541, 69.6202, 39.4568

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.6272, 68.9323, 60.2457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9541, 69.6202, 39.4568 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 152) }
```

Border

The CSS property to change the border of an element to XYZ 69.9541, 69.6202, 39.4568 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, 152) }
```


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

```
.border{ border-color:rgb(255, 210, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9541, 69.6202, 39.4568 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
210, 152) }
```

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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