

Converting Colors

XYZ(69.0826, 66.3728, 53.9225)

Have a look what the booklet for
XYZ(69.0826, 66.3728, 53.9225)
contains.

XYZ(68.9701, 66.2705, 53.9561)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.9701, 66.2705,
53.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CBB7
RGB	249, 203, 183
RGB Percent	98%, 80%, 72%
CMY	0.0235, 0.2039, 0.2823
CMYK	0.00, 0.18, 0.27, 0.02
HSL	18°, 85%, 85%
HSV	18°, 27%, 98%
XYZ	68.9701, 66.2705, 53.9561
YIQ	214.4740, 33.8360, 3.5320

Conversions

Conversions Part 2

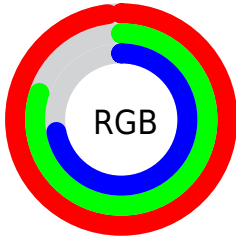
Format	Color
R _Y B	249, 212, 183
Decimal	16370615
CIE Lab	85.13, 13.38, 16.10
CIE LCh	85, 20.939, 50.266
Yxy	66.2705, 0.3645, 0.3503
Android (android.graphics.Color)	4294560695 (0xFFF9CBB7)
YUV	214.4740, -15.5167, 30.2793
Hunter-Lab	81.4067, 8.7686, 17.6875

Details

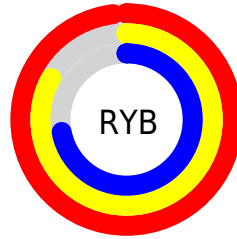
The XYZ color **68.9701, 66.2705, 53.9561** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6459, 72.9433, 100.2951**, and the grayscale version is **64.3227, 67.6725, 73.6954**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **36.5149, 34.3131, 25.8176** is the 20% darker color. If you saturate the color by 10%, you get **62.7333, 57.5839, 40.2020**, and if you desaturate by 10%, it is **76.1276, 76.0640, 70.2805**.

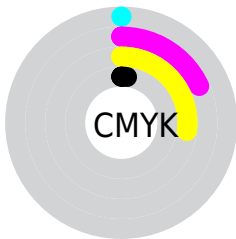
Distribution



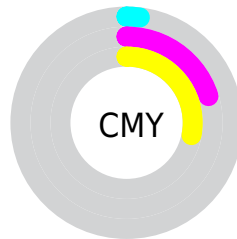
- Red (98%)
- Green (80%)
- Blue (72%)



- Red (98%)
- Yellow (83%)
- Blue (72%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9701, 66.2705, 53.9561 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 68.9701, 66.2705, 53.9561 by changing the saturation by 10% instead.


 68.9701, 66.2705,
53.9561

 68.9701, 66.2705,
53.9561


446.2485,
447.3437, 419.1125

 50.9639, 48.4920,
38.1736


 116.7732,
113.8745, 97.4655

 36.4008, 34.2167,
25.8146


147.3008,
144.4688, 126.0296

 24.9155, 23.0601,
16.4605


182.7329,
180.1038, 159.6912

 16.1425, 14.6379,
9.6927

223.4348,
221.1640, 198.8690

 9.7165, 8.5657,
5.0928

269.7720,
268.0336, 243.9815

 5.2722, 4.4590,
2.2421

322.1098,

 2.4442, 1.9335,

321.0972, 295.4472

0.6985

380.8135,
380.7391, 353.6847

■ 0.8672, 0.5684,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.9701, 66.2705,
53.9561

■ 68.9701, 66.2705,
53.9561

■ 62.7333, 57.5839,
40.2020

■ 76.1276, 76.0640,
70.2805

■ 57.3729, 49.9553,
28.8818

■ 84.2373, 86.9929,
89.2938

■ 52.8482, 43.3455,
19.8527

■ 92.8771, 98.8798,
108.7983

■ 49.1132, 37.7091,
12.9551

■ 46.1170, 32.9972,
8.0087

■ 43.8015, 29.1559,
4.8024

■ 42.0972, 26.1239,
3.0735

■ 41.6154, 25.2364,
2.6777

Harmonies

Analogous

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



71.8923, 66.2705, 63.5227



68.9701, 66.2705, 53.9561



64.5353, 66.2705, 49.4495

Triad

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



68.9701, 66.2705, 53.9561



54.4590, 66.2705, 67.8508



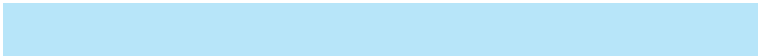
66.1846, 66.2705, 99.3930

Complementary

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



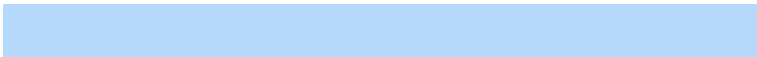
68.9701, 66.2705, 53.9561



64.6459, 72.9433, 100.2951

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.



61.4659, 66.2705, 100.9297



68.9701, 66.2705, 53.9561



54.8513, 66.2705, 81.5410

Square

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



68.9701, 66.2705, 53.9561



56.2627, 66.2705, 56.7836



57.3624, 66.2705, 94.0506



70.2292, 66.2705, 90.0820

Rectangle

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



68.9701, 66.2705, 53.9561



61.3843, 66.2705, 49.4821



57.3624, 66.2705, 94.0506



64.6196, 66.2705, 100.8773

Sweetspot

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



68.9719, 66.2736, 53.9575



87.5689, 90.0175, 91.0543



70.1718, 59.6758, 82.0959



18.4582, 18.8847, 18.8166



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.



68.9719, 66.2736, 53.9575



69.0462, 64.7418, 48.5957



77.5525, 83.4349, 56.8177



17.6735, 18.0829, 18.0213



22.3848, 13.7262, 1.4696



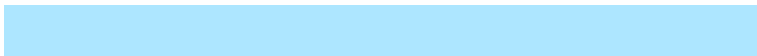
2.1621, 1.4491, 0.1658

Inverse Universe

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



64.6459, 72.9433, 100.2951



63.7432, 72.8920, 105.3177



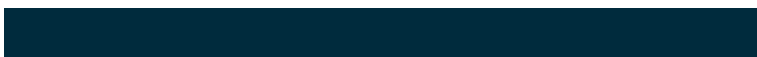
56.4131, 56.4778, 97.5509



17.2958, 18.6684, 22.0771



17.3369, 20.0294, 50.9259



1.6989, 2.0415, 4.7477

Previews

White Background



This preview shows how the XYZ color 68.9701, 66.2705, 53.9561 looks on a white background.

Color Contrast Check

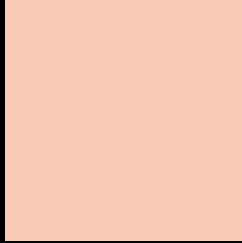
Large Text (above 18pt) WCAG AA × Fail

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 68.9701, 66.2705, 53.9561 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 68.9701, 66.2705, 53.9561

Background



This preview shows how black text looks on a background with the XYZ color 68.9701, 66.2705, 53.9561.



This preview shows how white text looks on a background with the XYZ color 68.9701, 66.2705,

53.9561.

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

68.9701, 66.2705, 53.9561

Protanopia

63.0520, 66.4058, 57.0714

Deuteranopia

67.6868, 66.3146, 54.0323



Tritanopia

72.8397, 66.1259, 72.5428

Trichromacy



Original Color

68.9701, 66.2705, 53.9561

Protanomaly

64.9421, 66.3019, 55.8291

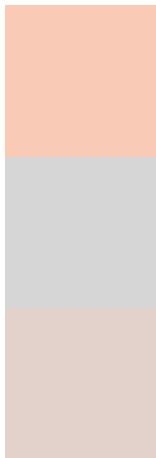
Deuteranomaly

68.1461, 66.1975, 53.9854

Tritanomaly

71.5787, 66.3158, 65.5275

Monochromacy



Original Color

68.9701, 66.2705, 53.9561

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.5046, 66.7359, 65.9288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9701, 66.2705, 53.9561 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(249, 203, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 203, 183)  
}
```

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(249, 203, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 203, 183) }
```

Border

The CSS property to change the border of an element to XYZ 68.9701, 66.2705, 53.9561 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(249, 203, 183) }
```


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

```
.border{ border-color:rgb(249, 203, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 203, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 203, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 203, 183); box-shadow:4px 4px 4px 4px rgb(249, 203, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9701, 66.2705, 53.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 203, 183) }
```

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

```
.background{ background-color: rgb(249,  
203, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor