

Converting Colors

XYZ(70.1324, 68.3492, 51.6158)

Have a look what the booklet for
XYZ(70.1324, 68.3492, 51.6158)
contains.

XYZ(70.1324, 68.3492, 51.6158)	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(70.1324, 68.3492,
51.6158)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCFB2
RGB	251, 207, 178
RGB Percent	98%, 81%, 70%
CMY	0.0157, 0.1882, 0.3020
CMYK	0.00, 0.18, 0.29, 0.02
HSL	24°, 90%, 84%
HSV	24°, 29%, 98%
XYZ	70.1324, 68.3492, 51.6158
YIQ	216.8500, 35.5330, 0.3090

Conversions

Conversions Part 2

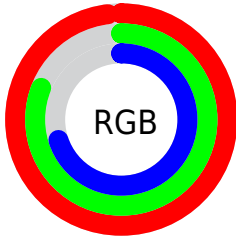
Format	Color
R _{YB}	251, 226, 178
Decimal	16502706
CIE Lab	86.18, 11.38, 20.23
CIE LCh	86, 23.212, 60.632
Yxy	68.3492, 0.3689, 0.3595
Android (android.graphics.Color)	4294692786 (0xFFFB _C FB ₂)
YUV	216.8500, -19.1530, 29.9496
Hunter-Lab	82.6736, 6.7437, 20.8548

Details

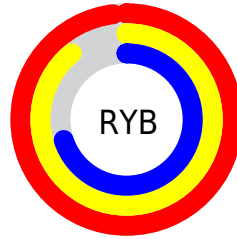
The XYZ color **70.1324, 68.3492, 51.6158** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.8933, 68.6706, 101.2598**, and the grayscale version is **65.9621, 69.3972, 75.5736**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **37.0852, 35.6006, 24.3190** is the 20% darker color. If you saturate the color by 10%, you get **64.3486, 60.4522, 38.3713**, and if you desaturate by 10%, it is **76.7321, 77.1393, 67.4086**.

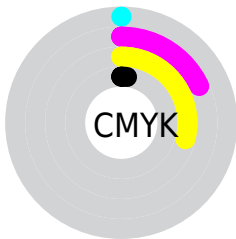
Distribution



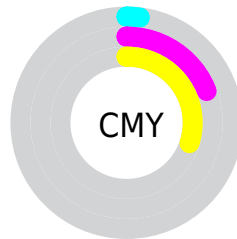
- Red (98%)
- Green (81%)
- Blue (70%)



- Red (98%)
- Yellow (89%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1324, 68.3492, 51.6158 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 70.1324, 68.3492, 51.6158 by changing the saturation by 10% instead.


 70.1324, 68.3492,
51.6158

 70.1324, 68.3492,
51.6158

450.2739,
454.7323, 409.8662

 51.9145, 50.1819,
36.3188

 118.4228,
116.8516, 93.9852

 37.1609, 35.5579,
24.3889

149.2260,
147.9554, 121.8946

 25.5063, 24.0930,
15.4075


184.9549,
184.1402, 154.8453

 16.5854, 15.4026,
8.9561

225.9750,
225.7903, 193.2558

 10.0328, 9.1024,
4.6161

272.6516,
273.2902, 237.5446

 5.4832, 4.8081,
1.9691

325.3500,

 2.5711, 2.1351,

327.0242, 288.1302

0.5362

384.4357,
387.3768, 345.4313

■ 0.9312, 0.6842,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.1324, 68.3492,
51.6158

■ 70.1324, 68.3492,
51.6158

■ 64.3486, 60.4522,
38.3713

■ 76.7321, 77.1393,
67.4086

■ 59.3402, 53.4090,
27.5351

■ 84.1751, 86.8412,
85.8712

■ 55.0714, 47.1913,
18.9598

■ 92.4938, 97.4848,
107.1223

■ 51.5005, 41.7653,
12.4802

■ 93.5938, 99.2493,
108.8319

■ 48.5812, 37.0942,
7.9077

■ 46.2598, 33.1373,
5.0194

■ 44.4614, 29.8444,
3.4832

■ 44.3151, 29.5719,
3.3723

Harmonies

Analogous

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



74.2087, 68.3492, 60.4162



70.1324, 68.3492, 51.6158



64.8507, 68.3492, 48.7114

Triad

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



70.1324, 68.3492, 51.6158



55.2250, 68.3492, 74.7456



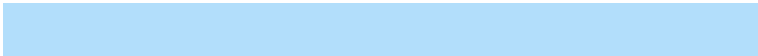
70.3391, 68.3492, 102.7100

Complementary

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



70.1324, 68.3492, 51.6158



61.8933, 68.6706, 101.2598

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.



65.0772, 68.3492, 107.8805



70.1324, 68.3492, 51.6158



56.5206, 68.3492, 90.4375

Square

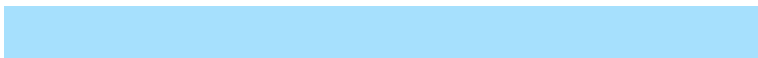
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1324, 68.3492, 51.6158



56.4174, 68.3492, 60.9065



60.0557, 68.3492, 103.1127



74.3326, 68.3492, 89.7991

Rectangle

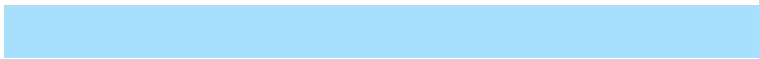
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1324, 68.3492, 51.6158



61.4114, 68.3492, 50.1462



60.0557, 68.3492, 103.1127



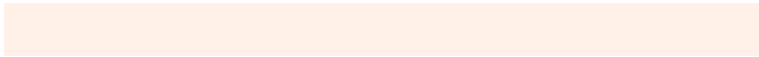
68.6507, 68.3492, 105.4842

Sweetspot

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



70.1342, 68.3524, 51.6172



87.3178, 90.0995, 89.1700



69.0262, 57.6794, 77.3196



18.4370, 18.9585, 18.4510



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.



70.1342, 68.3524, 51.6172



69.0360, 65.8760, 45.0330



79.7162, 87.5165, 54.8112



17.8105, 18.3568, 18.0669



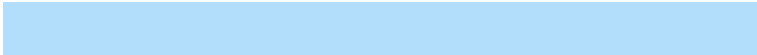
23.4264, 15.8094, 1.8168



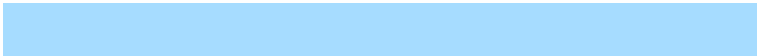
2.2700, 1.6649, 0.2017

Inverse Universe

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



61.8933, 68.6706, 101.2598



59.1957, 66.2444, 104.2743



53.4414, 51.7668, 98.4425



17.1533, 18.3835, 22.0296



15.1390, 15.6336, 50.1932



1.5057, 1.6550, 4.6833

Previews

White Background



This preview shows how the XYZ color 70.1324, 68.3492, 51.6158 looks on a white background.

Color Contrast Check

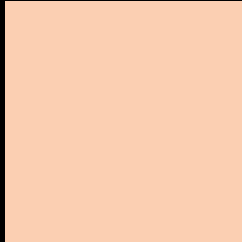
Large Text (above 18pt) WCAG AA × Fail

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 70.1324, 68.3492, 51.6158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

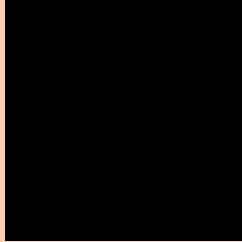
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1324, 68.3492, 51.6158

Background



This preview shows how black text looks on a background with the XYZ color 70.1324, 68.3492, 51.6158.



This preview shows how white text looks on a background with the XYZ color 70.1324, 68.3492,

51.6158.

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

70.1324, 68.3492, 51.6158

Protanopia

64.4225, 68.3092, 54.0455

Deuteranopia

69.7730, 68.1640, 51.5990



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

70.1324, 68.3492, 51.6158

Protanomaly

66.4760, 68.2560, 53.3871

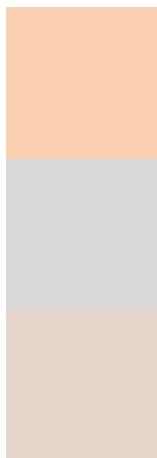
Deuteranomaly

69.7730, 68.1640, 51.5990

Tritanomaly

73.2454, 68.5684, 65.8745

Monochromacy



Original Color

70.1324, 68.3492, 51.6158

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.8868, 68.5583, 66.2077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1324, 68.3492, 51.6158 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(251, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(251, 207, 178)  
}
```

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(251, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 207, 178) }
```

Border

The CSS property to change the border of an element to XYZ 70.1324, 68.3492, 51.6158 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(251, 207, 178) }
```


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

```
.border{ border-color:rgb(251, 207, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 207, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 207, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 207, 178);  
box-shadow:4px 4px 4px 4px rgb(251, 207,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1324, 68.3492, 51.6158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 207, 178) }
```

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

```
.background{ background-color: rgb(251,  
207, 178) }
```

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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