

Converting Colors

XYZ(110.3553, 87.3961,
55.1199)

Have a look what the booklet for
XYZ(110.3553, 87.3961, 55.1199)
contains.

XYZ(70.8040, 66.8785, 53.4330)	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(70.8040, 66.8785,
53.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAB6
RGB	255, 202, 182
RGB Percent	100%, 79%, 71%
CMY	0.0000, 0.2078, 0.2863
CMYK	0.00, 0.21, 0.29, 0.00
HSL	16°, 100%, 86%
HSV	16°, 29%, 100%
XYZ	70.8040, 66.8785, 53.4330
YIQ	215.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

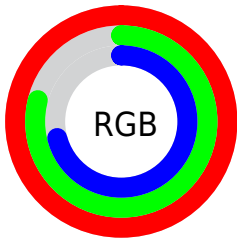
Format	Color
R _Y B	255, 210, 182
Decimal	16763574
CIE Lab	85.44, 16.00, 17.15
CIE LCh	85, 23.455, 46.976
Yxy	66.8785, 0.3705, 0.3499
Android (android.graphics.Color)	4294953654 (0xFFFFCAB6)
YUV	215.5670, -16.5485, 34.5827
Hunter-Lab	81.7793, 11.4305, 18.5066

Details

The XYZ color **70.8040, 66.8785, 53.4330** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0487, 76.5791, 105.8551**, and the grayscale version is **65.0681, 68.4567, 74.5493**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **37.5783, 34.6351, 25.4735** is the 20% darker color. If you saturate the color by 10%, you get **64.3190, 57.7487, 39.4323**, and if you desaturate by 10%, it is **78.2934, 77.2485, 70.1374**.

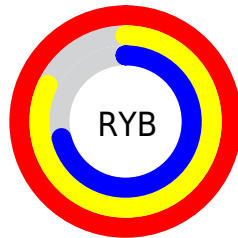
Distribution



Red (100%)

Green (79%)

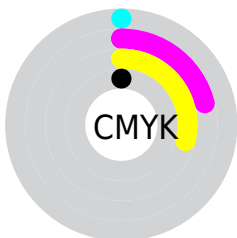
Blue (71%)



Red (100%)

Yellow (82%)

Blue (71%)

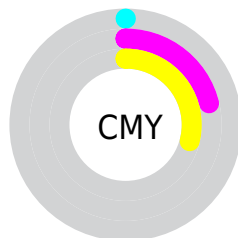


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8040, 66.8785, 53.4330 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 70.8040, 66.8785, 53.4330 by changing the saturation by 10% instead.


 70.8040, 66.8785,
53.4330

 70.8040, 66.8785,
53.4330


452.5905,
449.5122, 417.0575

 52.4642, 48.9859,
37.7585


 119.3746,
114.7463, 96.6892

 37.6010, 34.6083,
25.4949


150.3362,
145.4903, 125.1080

 25.8490, 23.3613,
16.2238


186.2357,
181.2868, 158.6119

 16.8428, 14.8605,
9.5266

227.4386,
222.5204, 197.6194

 10.2171, 8.7215,
4.9847

274.3102,
269.5753, 242.5493

 5.6065, 4.5600,
2.1797

327.2158,

 2.6457, 1.9915,

322.8360, 293.8198

0.6626

386.5207,
382.6868, 351.8497

■ 0.9693, 0.6025,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.8040, 66.8785,
53.4330

■ 70.8040, 66.8785,
53.4330

■ 64.3190, 57.7487,
39.4323

■ 78.2934, 77.2485,
70.1374

■ 58.7889, 49.8028,
27.9877

■ 86.8235, 88.8939,
89.6741

■ 54.1673, 42.9936,
18.9438

95.0500, 100.0000,
108.9000

■ 50.4019, 37.2669,
12.1265

■ 47.4342, 32.5641,
7.3375

■ 45.1974, 28.8199,
4.3431

■ 43.6040, 25.9574,
2.8126

■ 43.4228, 25.6256,
2.6576

Harmonies

Analogous

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



73.8601, 66.8785, 64.5961



70.8040, 66.8785, 53.4330



65.8992, 66.8785, 47.8437

Triad

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



70.8040, 66.8785, 53.4330



54.1116, 66.8785, 66.4149



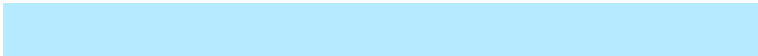
66.5998, 66.8785, 104.5860

Complementary

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



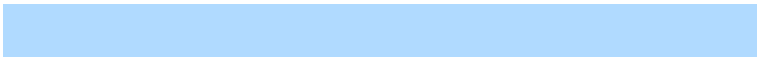
70.8040, 66.8785, 53.4330



67.0487, 76.5791, 105.8551

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.



61.2886, 66.8785, 105.2532



70.8040, 66.8785, 53.4330



54.2758, 66.8785, 81.7124

Square

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



70.8040, 66.8785, 53.4330



56.3771, 66.8785, 54.6039



56.8389, 66.8785, 96.4051



71.3415, 66.8785, 94.6926

Rectangle

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



70.8040, 66.8785, 53.4330



62.3316, 66.8785, 47.4393



56.8389, 66.8785, 96.4051



64.8166, 66.8785, 105.9408

Sweetspot

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



70.8057, 66.8816, 53.4344



86.4860, 88.4359, 88.8927



73.0409, 60.7456, 86.8776



18.2330, 18.5504, 18.3830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

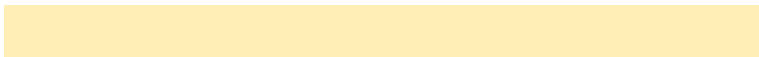
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8057, 66.8816, 53.4344



67.1987, 61.8239, 45.5839



80.2486, 85.7673, 56.5820



18.4144, 18.7970, 18.8020



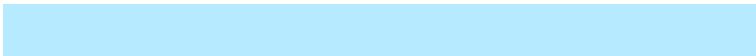
22.7952, 13.6017, 1.4239



2.3060, 1.4973, 0.1675

Inverse Universe

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



67.0487, 76.5791, 105.8551



62.9056, 72.8641, 105.3565



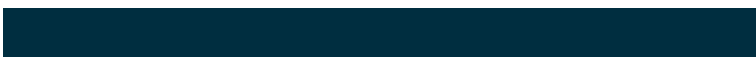
57.7731, 58.0280, 102.7633



18.1092, 19.5901, 23.0768



18.6408, 22.1911, 52.7354



1.9063, 2.3432, 5.1651

Previews

White Background



This preview shows how the XYZ color 70.8040, 66.8785, 53.4330 looks on a white background.

Color Contrast Check

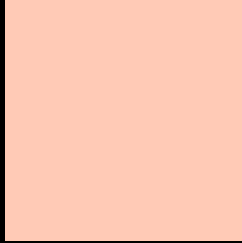
Large Text (above 18pt) WCAG AA × Fail

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 70.8040, 66.8785, 53.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

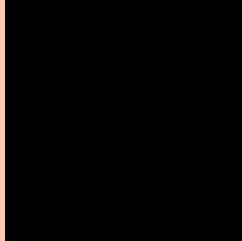
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8040, 66.8785, 53.4330

Background



This preview shows how black text looks on a background with the XYZ color 70.8040, 66.8785, 53.4330.



This preview shows how white text looks on a background with the XYZ color 70.8040, 66.8785,

53.4330.

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

70.8040, 66.8785, 53.4330

Protanopia

63.6118, 67.0666, 57.1694

Deuteranopia

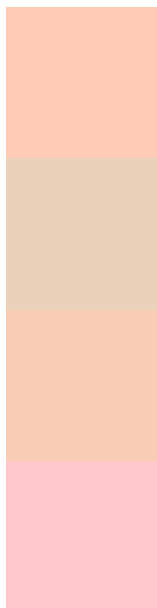
68.4178, 67.0716, 53.0562



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

70.8040, 66.8785, 53.4330

Protanomaly

65.9243, 66.8083, 55.8751

Deuteranomaly

69.2387, 67.1386, 53.0258

Tritanomaly

72.5549, 66.8328, 64.9531

Monochromacy



Original Color

70.8040, 66.8785, 53.4330

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.8265, 67.7712, 66.6857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8040, 66.8785, 53.4330 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, 202, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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(255, 202, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 182) }
```

Border

The CSS property to change the border of an element to XYZ 70.8040, 66.8785, 53.4330 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, 202, 182) }
```


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

```
.border{ border-color:rgb(255, 202, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8040, 66.8785, 53.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 182) }
```

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

```
.background{ background-color: rgb(255,  
202, 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](#).

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