

Converting Colors

XYZ(70.8205, 67.6622, 53.7805)

Have a look what the booklet for
XYZ(70.8205, 67.6622, 53.7805)
contains.

XYZ(70.9094, 67.6340, 53.5733)	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(70.9094, 67.6340,
53.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	FECCB6
RGB	254, 204, 182
RGB Percent	100%, 80%, 71%
CMY	0.0039, 0.2000, 0.2863
CMYK	0.00, 0.20, 0.28, 0.00
HSL	18°, 97%, 85%
HSV	18°, 28%, 100%
XYZ	70.9094, 67.6340, 53.5733
YIQ	216.4420, 36.8620, 3.7580

Conversions

Conversions Part 2

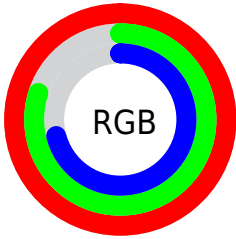
Format	Color
R _Y B	254, 214, 182
Decimal	16698550
CIE Lab	85.82, 14.59, 17.67
CIE LCh	86, 22.910, 50.451
Yxy	67.6340, 0.3691, 0.3520
Android (android.graphics.Color)	4294888630 (0xFFFECCB6)
YUV	216.4420, -16.9799, 32.9384
Hunter-Lab	82.2399, 9.9876, 18.9448

Details

The XYZ color **70.9094, 67.6340, 53.5733** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0365, 74.8116, 104.7257**, and the grayscale version is **65.6679, 69.0877, 75.2365**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **37.6337, 35.1334, 25.5668** is the 20% darker color. If you saturate the color by 10%, you get **64.5618, 58.7653, 39.6603**, and if you desaturate by 10%, it is **78.2115, 77.6489, 70.1548**.

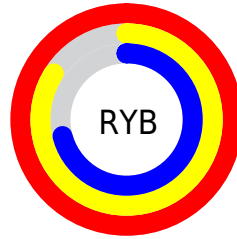
Distribution



Red (100%)

Green (80%)

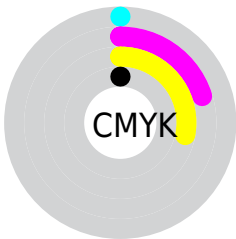
Blue (71%)



Red (100%)

Yellow (84%)

Blue (71%)

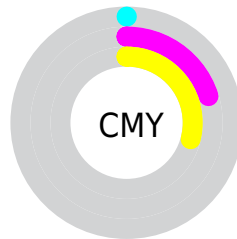


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (20%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9094, 67.6340, 53.5733 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 70.9094, 67.6340, 53.5733 by changing the saturation by 10% instead.


 70.9094, 67.6340,
53.5733

 70.9094, 67.6340,
53.5733


452.9534,
452.1982, 417.6093

 52.5505, 49.6000,
37.8698


 119.5239,
115.8284, 96.8975

 37.6701, 35.0957,
25.5806

150.5103,
146.7576, 125.3553

 25.9028, 23.7366,
16.2872


186.4365,
182.7541, 158.9016

 16.8832, 15.1383,
9.5711

227.6680,
224.2021, 197.9549

 10.2461, 8.9165,
5.0136

274.5701,
271.4861, 242.9338

 5.6259, 4.6868,
2.1964

327.5081,

 2.6575, 2.0647,

324.9906, 294.2568

0.6723

386.8474,
385.0998, 352.3424

■ 0.9753, 0.6447,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.9094, 67.6340,
53.5733

■ 70.9094, 67.6340,
53.5733

■ 64.5618, 58.7653,
39.6603

■ 78.2115, 77.6489,
70.1548

■ 59.1218, 50.9915,
28.2707

■ 86.5015, 88.8401,
89.5310

■ 54.5463, 44.2713,
19.2519

94.6831, 99.8109,
108.8828

■ 50.7864, 38.5568,
12.4329

■ 47.7876, 33.7963,
7.6193

■ 45.4873, 29.9325,
4.5819

■ 43.8050, 26.8979,
3.0037

■ 43.5713, 26.4672,
2.8122

Harmonies

Analogous

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



74.1852, 67.6340, 64.0208



70.9094, 67.6340, 53.5733



65.9686, 67.6340, 48.7128

Triad

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



70.9094, 67.6340, 53.5733



54.8591, 67.6340, 68.9619



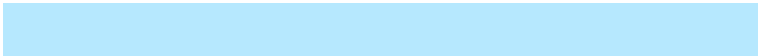
67.8660, 67.6340, 104.0929

Complementary

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



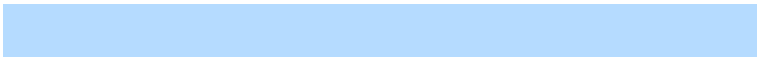
70.9094, 67.6340, 53.5733



66.0365, 74.8116, 104.7257

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.



62.6285, 67.6340, 105.8886



70.9094, 67.6340, 53.5733



55.3056, 67.6340, 84.1817

Square

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



70.9094, 67.6340, 53.5733



56.8301, 67.6340, 56.7676



58.0849, 67.6340, 98.1844



72.3630, 67.6340, 93.5670

Rectangle

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



70.9094, 67.6340, 53.5733



62.4753, 67.6340, 48.7726



58.0849, 67.6340, 98.1844



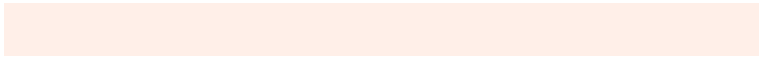
66.1275, 67.6340, 105.7883

Sweetspot

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



70.9112, 67.6371, 53.5747



86.6979, 88.8596, 88.9633



72.2239, 60.3764, 84.4898



18.2849, 18.6542, 18.4003



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.



70.9112, 67.6371, 53.5747



67.8058, 63.0381, 45.7863



80.3594, 86.5335, 56.7241



18.4621, 18.8923, 18.8179



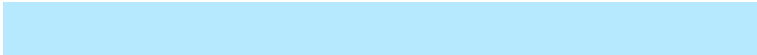
23.0847, 14.1807, 1.5204



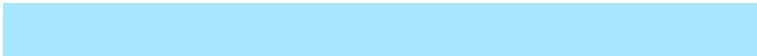
2.3393, 1.5639, 0.1786

Inverse Universe

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



66.0365, 74.8116, 104.7257



62.1441, 71.3412, 105.1026



57.0118, 56.7622, 101.7174



18.0589, 19.4893, 23.0600



17.7915, 20.4925, 52.4523



1.8289, 2.1886, 5.1393

Previews

White Background



This preview shows how the XYZ color 70.9094, 67.6340, 53.5733 looks on a white background.

Color Contrast Check

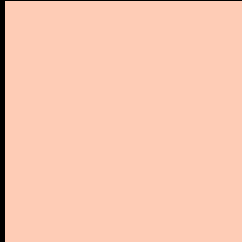
Large Text (above 18pt) WCAG AA × Fail

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 70.9094, 67.6340, 53.5733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

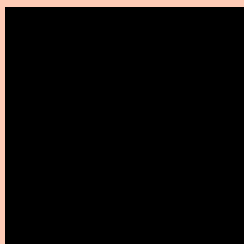
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9094, 67.6340, 53.5733

Background



This preview shows how black text looks on a background with the XYZ color 70.9094, 67.6340, 53.5733.



This preview shows how white text looks on a background with the XYZ color 70.9094, 67.6340,

53.5733.

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

70.9094, 67.6340, 53.5733

Protanopia

64.0675, 67.6885, 56.7022

Deuteranopia

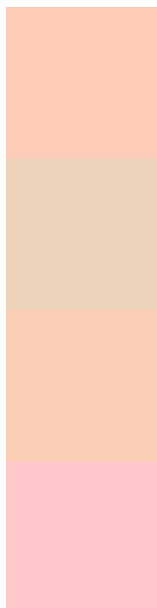
69.0111, 67.7360, 53.1531



Tritanopia

74.1600, 67.4748, 73.4053

Trichromacy



Original Color

70.9094, 67.6340, 53.5733

Protanomaly

66.3956, 67.4288, 55.4146

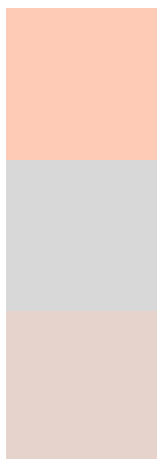
Deuteranomaly

69.8361, 67.8028, 53.1225

Tritanomaly

72.9061, 67.3451, 65.6562

Monochromacy



Original Color

70.9094, 67.6340, 53.5733

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.0757, 68.2696, 66.7688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9094, 67.6340, 53.5733 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(254, 204, 182)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 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(254, 204, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 182) }
```

Border

The CSS property to change the border of an element to XYZ 70.9094, 67.6340, 53.5733 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(254, 204, 182) }
```


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

```
.border{ border-color:rgb(254, 204, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 182);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9094, 67.6340, 53.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 182) }
```

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

```
.background{ background-color: rgb(254,  
204, 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