

Converting Colors

XYZ(68.8789, 67.2770, 52.8781)

Have a look what the booklet for
XYZ(68.8789, 67.2770, 52.8781)
contains.

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Color

**XYZ(68.7696, 67.2530,
53.0726)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CEB5
RGB	247, 206, 181
RGB Percent	97%, 81%, 71%
CMY	0.0314, 0.1921, 0.2902
CMYK	0.00, 0.17, 0.27, 0.03
HSL	23°, 80%, 84%
HSV	23°, 27%, 97%
XYZ	68.7696, 67.2530, 53.0726
YIQ	215.4090, 32.4610, 0.9170

Conversions

Conversions Part 2

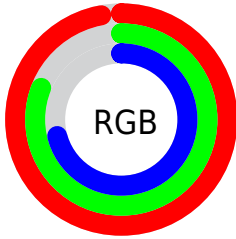
Format	Color
R _Y B	247, 221, 181
Decimal	16240309
CIE Lab	85.63, 10.81, 17.83
CIE LCh	86, 20.847, 58.782
Yxy	67.2530, 0.3637, 0.3557
Android (android.graphics.Color)	4294430389 (0xFFF7CEB5)
YUV	215.4090, -16.9636, 27.7053
Hunter-Lab	82.0079, 6.1713, 19.0352

Details

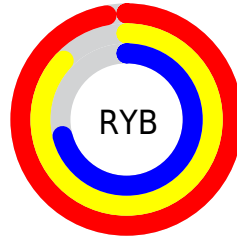
The XYZ color **68.7696, 67.2530, 53.0726** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.9652, 68.7797, 98.0059**, and the grayscale version is **64.9661, 68.3494, 74.4325**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **36.3597, 34.9621, 25.2541** is the 20% darker color. If you saturate the color by 10%, you get **62.9419, 59.3000, 39.7152**, and if you desaturate by 10%, it is **75.4108, 76.1130, 68.9193**.

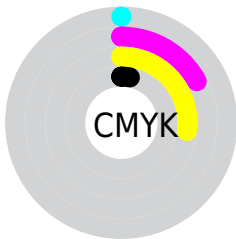
Distribution



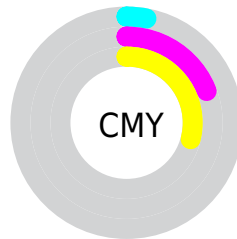
- Red (97%)
- Green (81%)
- Blue (71%)



- Red (97%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (3%)




- Cyan (3%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7696, 67.2530, 53.0726 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 68.7696, 67.2530, 53.0726 by changing the saturation by 10% instead.


 68.7696, 67.2530,
53.0726

 68.7696, 67.2530,
53.0726


445.5520,
450.8448, 415.6378

 50.8001, 49.2903,
37.4726


 116.4883,
115.2829, 96.1538

 36.2699, 34.8498,
25.2750

146.9682,
146.1188, 124.4721

 24.8138, 23.5472,
16.0612


182.3489,
182.0145, 157.8670

 16.0664, 14.9981,
9.4126

222.9957,
223.3545, 196.7568

 9.6623, 8.8180,
4.9108

269.2741,
270.5231, 241.5603

 5.2362, 4.6227,
2.1372

321.5494,

 2.4227, 2.0276,

323.9048, 292.6960

0.6378

380.1869,
383.8839, 350.5823

■ 0.8564, 0.6234,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.7696, 67.2530,
53.0726

■ 68.7696, 67.2530,
53.0726

■ 62.9419, 59.3000,
39.7152

■ 75.4108, 76.1130,
68.9193

■ 57.8883, 52.2147,
28.7145

■ 82.8919, 85.8992,
87.3703

■ 53.5739, 45.9684,
19.9319

■ 91.2285, 96.6354,
108.4520

■ 49.9587, 40.5268,
13.2122

■ 92.1679, 98.5142,
108.7651

■ 46.9983, 35.8532,
8.3801

■ 44.6418, 31.9071,
5.2301

■ 42.8274, 28.6423,
3.5039

■ 42.3234, 27.7051,
3.1169

Harmonies

Analogous

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



72.2588, 67.2530, 61.3504



68.7696, 67.2530, 53.0726



64.1162, 67.2530, 50.0817

Triad

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



68.7696, 67.2530, 53.0726



55.2253, 67.2530, 72.6727



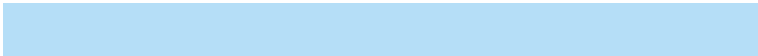
68.4173, 67.2530, 98.6061

Complementary

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



68.7696, 67.2530, 53.0726



61.9652, 68.7797, 98.0059

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.



63.7281, 67.2530, 102.5886



68.7696, 67.2530, 53.0726



56.2524, 67.2530, 86.5454

Square

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



68.7696, 67.2530, 53.0726



56.4308, 67.2530, 60.4988



59.3077, 67.2530, 97.9299



72.0484, 67.2530, 87.6260

Rectangle

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



68.7696, 67.2530, 53.0726



61.0285, 67.2530, 51.1652



59.3077, 67.2530, 97.9299



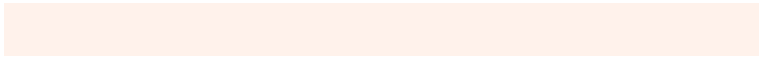
66.9054, 67.2530, 100.8633

Sweetspot

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



68.7714, 67.2561, 53.0740



88.0277, 90.9353, 91.2073



68.1746, 58.1396, 77.3002



18.5733, 19.1148, 18.8549



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.



68.7714, 67.2561, 53.0740



70.4895, 67.6284, 49.0768



77.3315, 84.3764, 55.9274



17.0136, 17.5114, 17.2809



22.5093, 14.9043, 1.6904



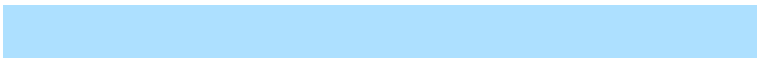
2.0741, 1.5014, 0.1805

Inverse Universe

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



61.9652, 68.7797, 98.0059



62.0506, 69.5067, 104.7535



54.2155, 53.2803, 95.4227



16.4386, 17.6414, 21.0813



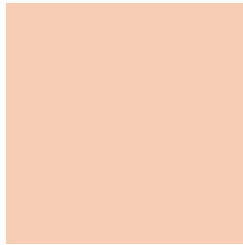
15.0811, 15.9559, 48.8230



1.4243, 1.6001, 4.3240

Previews

White Background



This preview shows how the XYZ color 68.7696, 67.2530, 53.0726 looks on a white background.

Color Contrast Check

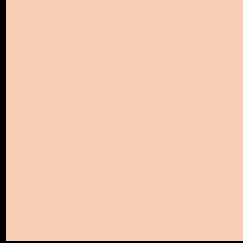
Large Text (above 18pt) WCAG AA × Fail

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 68.7696, 67.2530, 53.0726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

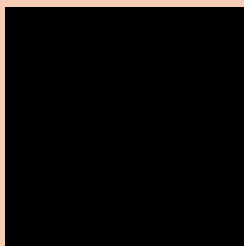
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.7696, 67.2530, 53.0726

Background



This preview shows how black text looks on a background with the XYZ color 68.7696, 67.2530, 53.0726.



This preview shows how white text looks on a background with the XYZ color 68.7696, 67.2530,

53.0726.

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

68.7696, 67.2530, 53.0726

Protanopia

63.8549, 67.6035, 55.5822

Deuteranopia

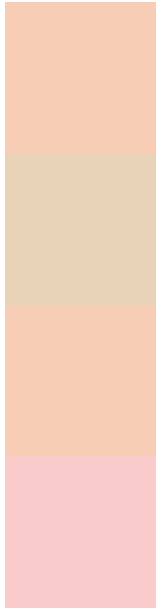
68.7696, 67.2530, 53.0726



Tritanopia

73.0650, 67.2404, 74.0935

Trichromacy



Original Color

68.7696, 67.2530, 53.0726

Protanomaly

65.5503, 67.3729, 54.8968

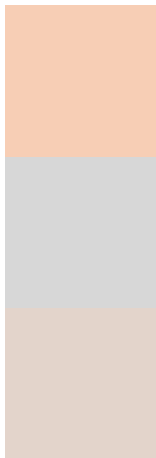
Deuteranomaly

68.7696, 67.2530, 53.0726

Tritanomaly

71.5598, 67.3477, 65.7277

Monochromacy



Original Color

68.7696, 67.2530, 53.0726

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.0015, 67.7297, 66.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7696, 67.2530, 53.0726 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(247, 206, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 206, 181)  
}
```

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(247, 206, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 181) }
```

Border

The CSS property to change the border of an element to XYZ 68.7696, 67.2530, 53.0726 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(247, 206, 181) }
```


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

```
.border{ border-color:rgb(247, 206, 181) }
```

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

Here you see how a box with a 4 pixel rgb(247, 206, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 181);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7696, 67.2530, 53.0726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 181) }
```

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

```
.background{ background-color: rgb(247,  
206, 181) }
```

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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