

Converting Colors

XYZ(70.4925, 70.6989, 53.6469)

Have a look what the booklet for XYZ(70.4925, 70.6989, 53.6469) contains.

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Color

**XYZ(70.4925, 70.6989,
53.6469)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D5B5
RGB	247, 213, 181
RGB Percent	97%, 84%, 71%
CMY	0.0314, 0.1647, 0.2902
CMYK	0.00, 0.14, 0.27, 0.03
HSL	29°, 80%, 84%
HSV	29°, 27%, 97%
XYZ	70.4925, 70.6989, 53.6469
YIQ	219.5180, 30.5360, -2.7440

Conversions

Conversions Part 2

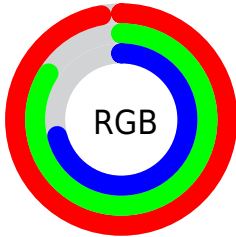
Format	Color
RYB	247, 243, 181
Decimal	16242101
CIELab	87.34, 7.17, 20.21
CIELCh	87, 21.439, 70.475
Yxy	70.6989, 0.3618, 0.3629
Android (android.graphics.Color)	4294432181 (0xFFFF7D5B5)
YUV	219.5180, -18.9894, 24.1017
Hunter-Lab	84.0826, 2.5047, 21.0293

Details

The XYZ color **70.4925, 70.6989, 53.6469** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.1443, 65.1380, 97.3988**, and the grayscale version is **67.8064, 71.3376, 77.6867**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **37.3583, 36.9594, 25.5870** is the 20% darker color. If you saturate the color by 10%, you get **65.1043, 63.6250, 40.4360**, and if you desaturate by 10%, it is **76.5848, 78.4611, 69.3107**.

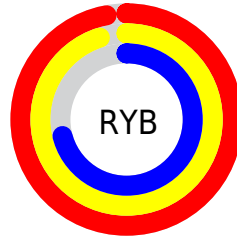
Distribution



Red (97%)

Green (84%)

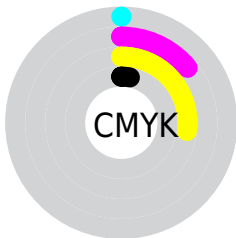
Blue (71%)



Red (97%)

Yellow (95%)

Blue (71%)

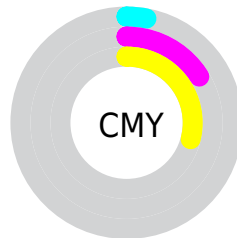


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (3%)



Cyan (3%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4925, 70.6989, 53.6469 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 70.4925, 70.6989, 53.6469 by changing the saturation by 10% instead.


 70.4925, 70.6989,
53.6469

 70.4925, 70.6989,
53.6469


451.5169,
463.0002, 417.8986

 52.2092, 52.0965,
37.9282


 118.9333,
120.2049, 97.0068

 37.3968, 37.0820,
25.6256


149.8214,
151.8773, 125.4850

 25.6899, 25.2710,
16.3205


185.6419,
188.6752, 159.0535

 16.7233, 16.2791,
9.5944

226.7601,
230.9829, 198.1308

 10.1315, 9.7218,
5.0288

273.5414,
279.1848, 243.1354

 5.5492, 5.2149,
2.2051

326.3510,

 2.6110, 2.3739,

333.6654, 294.4858

0.6773

385.5544,
394.8091, 352.6007

■ 0.9515, 0.8124,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.4925, 70.6989,
53.6469

■ 70.4925, 70.6989,
53.6469

■ 65.1043, 63.6250,
40.4360

■ 76.5848, 78.4611,
69.3107

■ 60.3852, 57.2087,
29.5469

■ 83.4032, 86.9219,
87.5408

■ 56.3053, 51.4312,
20.8424

■ 90.9591, 96.0968,
108.3622

■ 52.8295, 46.2685,
14.1692

■ 92.1679, 98.5142,
108.7651

■ 49.9190, 41.6947,
9.3537

■ 47.5288, 37.6813,
6.1925

■ 45.6037, 34.1949,
4.4293

■ 45.0476, 33.1537,
4.0250

Harmonies

Analogous

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



74.8515, 70.6989, 60.3137



70.4925, 70.6989, 53.6469



65.4486, 70.6989, 52.7598

Triad

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



70.4925, 70.6989, 53.6469



58.1006, 70.6989, 82.1424



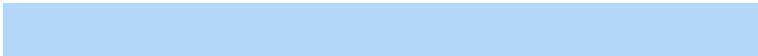
73.6942, 70.6989, 100.1110

Complementary

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



70.4925, 70.6989, 53.6469



60.1443, 65.1380, 97.3988

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.



68.9767, 70.6989, 107.6647



70.4925, 70.6989, 53.6469



60.0833, 70.6989, 96.4622

Square

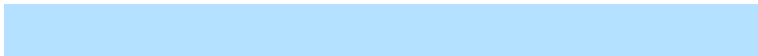
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4925, 70.6989, 53.6469



58.4609, 70.6989, 68.0602



64.0062, 70.6989, 106.2516



76.7631, 70.6989, 86.6449

Rectangle

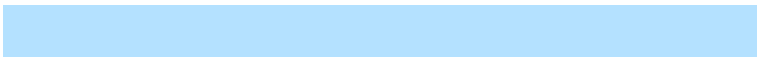
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4925, 70.6989, 53.6469



62.3955, 70.6989, 55.4277



64.0062, 70.6989, 106.2516



72.2391, 70.6989, 103.4977

Sweetspot

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



70.4944, 70.7021, 53.6484



88.6767, 92.2333, 91.4236



67.1608, 57.7341, 71.9620



18.7364, 19.4410, 18.9093



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.



70.4944, 70.7021, 53.6484



72.6084, 71.8662, 49.7831



79.6240, 88.9613, 56.6916



17.1624, 17.8089, 17.3305



23.9651, 17.8158, 2.1757



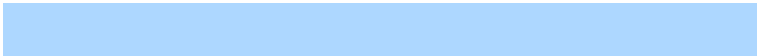
2.2087, 1.7707, 0.2254

Inverse Universe

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



60.1443, 65.1380, 97.3988



59.7822, 64.9700, 103.9973



52.5937, 50.0369, 94.8820



16.2871, 17.3385, 21.0308



13.0509, 11.8955, 48.1462



1.2499, 1.2513, 4.2659

Previews

White Background



This preview shows how the XYZ color 70.4925, 70.6989, 53.6469 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 70.4925, 70.6989, 53.6469 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 70.4925, 70.6989, 53.6469

Background



This preview shows how black text looks on a background with the XYZ color 70.4925, 70.6989, 53.6469.



This preview shows how white text looks on a background with the XYZ color 70.4925, 70.6989, 53.6469.

53.6469.

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

70.4925, 70.6989, 53.6469

Protanopia

66.6781, 70.5924, 55.4588

Deuteranopia

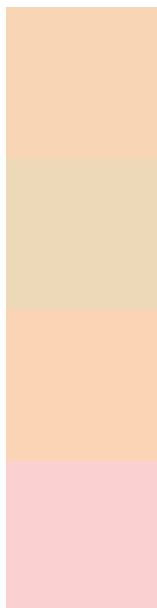
72.1428, 70.8074, 53.5809



Tritanopia

75.7770, 70.6488, 79.4547

Trichromacy



Original Color

70.4925, 70.6989, 53.6469

Protanomaly

68.0282, 70.5352, 54.8289

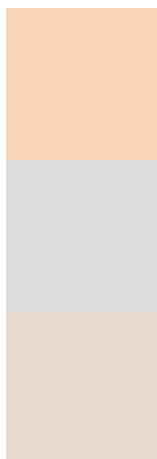
Deuteranomaly

71.6676, 70.9324, 53.6301

Tritanomaly

73.6100, 70.4790, 69.3986

Monochromacy



Original Color

70.4925, 70.6989, 53.6469

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.5866, 70.9049, 68.4636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4925, 70.6989, 53.6469 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, 213, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 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, 213, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 181) }
```

Border

The CSS property to change the border of an element to XYZ 70.4925, 70.6989, 53.6469 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, 213, 181) }
```


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

```
.border{ border-color:rgb(247, 213, 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, 213, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 213, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 213, 181);  
box-shadow:4px 4px 4px 4px rgb(247, 213,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4925, 70.6989, 53.6469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 181) }
```

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

```
.background{ background-color: rgb(247,  
213, 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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