

Converting Colors

XYZ(71.1731, 71.7696, 53.7783)

Have a look what the booklet for
XYZ(71.1731, 71.7696, 53.7783)
contains.

XYZ(71.3523, 71.8935, 53.8322) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(71.3523, 71.8935,
53.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D7B5
RGB	248, 215, 181
RGB Percent	97%, 84%, 71%
CMY	0.0274, 0.1568, 0.2902
CMYK	0.00, 0.13, 0.27, 0.03
HSL	30°, 83%, 84%
HSV	30°, 27%, 97%
XYZ	71.3523, 71.8935, 53.8322
YIQ	220.9910, 30.5820, -3.5780

Conversions

Conversions Part 2

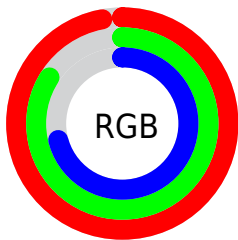
Format	Color
R _Y B	246, 248, 181
Decimal	16308149
CIE Lab	87.92, 6.50, 21.02
CIE LCh	88, 22.005, 72.811
Yxy	71.8935, 0.3621, 0.3648
Android (android.graphics.Color)	4294498229 (0xFFFF8D7B5)
YUV	220.9910, -19.7156, 23.6869
Hunter-Lab	84.7900, 1.8283, 21.7105

Details

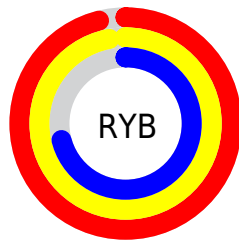
The XYZ color **71.3523, 71.8935, 53.8322** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0453, 64.6924, 98.1293**, and the grayscale version is **68.8415, 72.4266, 78.8726**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **37.9529, 37.7765, 25.7133** is the 20% darker color. If you saturate the color by 10%, you get **66.0365, 64.9779, 40.6036**, and if you desaturate by 10%, it is **77.3571, 79.4613, 69.5267**.

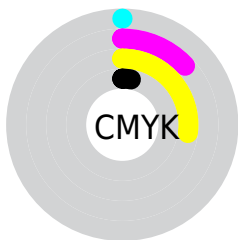
Distribution



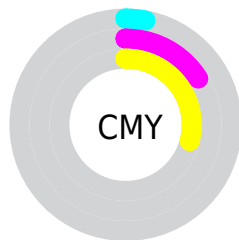
- Red (97%)
- Green (84%)
- Blue (71%)



- Red (96%)
- Yellow (97%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3523, 71.8935, 53.8322 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 71.3523, 71.8935, 53.8322 by changing the saturation by 10% instead.


 71.3523, 71.8935,
53.8322

 71.3523, 71.8935,
53.8322


454.4767,
467.1708, 418.6263

 52.9133, 53.0717,
38.0753


 120.1510,
121.9051, 97.2817

 37.9608, 37.8600,
25.7388


151.2415,
153.8637, 125.8114

 26.1293, 25.8740,
16.4043


187.2798,
190.9700, 159.4358

 17.0536, 16.7294,
9.6533

228.6313,
233.6084, 198.5733

 10.3683, 10.0418,
5.0671

275.6614,
282.1632, 243.6426

 5.7079, 5.4267,
2.2273

328.7354,

 2.7073, 2.4997,

337.0190, 295.0622

0.6900

388.2188,
398.5601, 353.2506

■ 1.0009, 0.8765,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3523, 71.8935,
53.8322

■ 71.3523, 71.8935,
53.8322

■ 66.0365, 64.9779,
40.6036

■ 77.3571, 79.4613,
69.5267

■ 61.3749, 58.6848,
29.7082

■ 84.0723, 87.6900,
87.8015

■ 57.3380, 52.9967,
21.0076

■ 91.4606, 96.5747,
108.4280

■ 53.8912, 47.8911,
14.3467

■ 92.5215, 98.6965,
108.7817

■ 50.9959, 43.3436,
9.5495

■ 48.6075, 39.3270,
6.4099

■ 46.6703, 35.8092,
4.6646

■ 46.1557, 34.8450,
4.2931

Harmonies

Analogous

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



75.9902, 71.8935, 60.2696



71.3523, 71.8935, 53.8322



66.1238, 71.8935, 53.3891

Triad

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



71.3523, 71.8935, 53.8322



58.9753, 71.8935, 84.8508



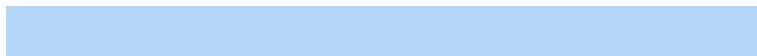
75.4076, 71.8935, 101.4024

Complementary

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



71.3523, 71.8935, 53.8322



60.0453, 64.6924, 98.1293

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.



70.5901, 71.8935, 109.9069



71.3523, 71.8935, 53.8322



61.2076, 71.8935, 99.5619

Square

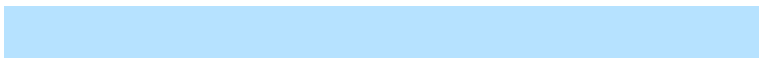
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3523, 71.8935, 53.8322



59.1560, 71.8935, 70.0616



65.3994, 71.8935, 109.1934



78.4123, 71.8935, 87.1167

Rectangle

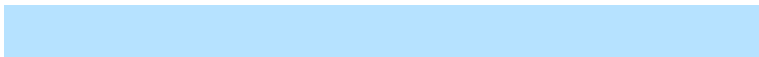
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3523, 71.8935, 53.8322



63.0195, 71.8935, 56.4549



65.3994, 71.8935, 109.1934



73.9363, 71.8935, 105.1092

Sweetspot

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



71.3542, 71.8968, 53.8337



88.8161, 92.5119, 91.4701



67.4374, 57.8856, 71.5730



18.7715, 19.5111, 18.9210



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.



71.3542, 71.8968, 53.8337



73.0750, 72.7995, 49.9386



80.6197, 90.4278, 56.9222



17.9728, 18.6815, 18.1210



25.0741, 19.1048, 2.3660



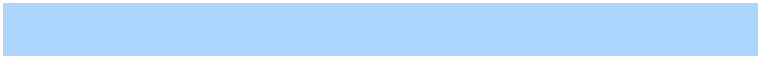
2.4284, 1.9816, 0.2545

Inverse Universe

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



60.0453, 64.6924, 98.1293



59.3138, 64.0331, 103.8412



52.5240, 49.6497, 95.6222



16.9889, 18.0547, 21.9748



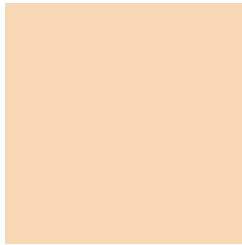
13.0607, 11.4771, 49.5005



1.3155, 1.2747, 4.6199

Previews

White Background



This preview shows how the XYZ color 71.3523, 71.8935, 53.8322 looks on a white background.

Color Contrast Check

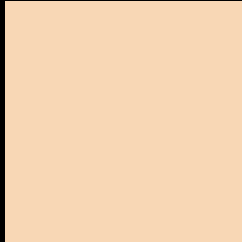
Large Text (above 18pt) WCAG AA × Fail

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 71.3523, 71.8935, 53.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

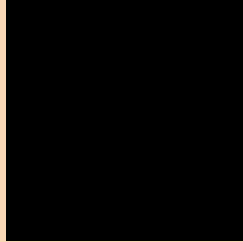
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

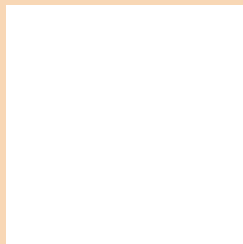
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3523, 71.8935, 53.8322

Background



This preview shows how black text looks on a background with the XYZ color 71.3523, 71.8935, 53.8322.



This preview shows how white text looks on a background with the XYZ color 71.3523, 71.8935,

53.8322.

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

71.3523, 71.8935, 53.8322

Protanopia

67.7447, 71.9289, 55.1129

Deuteranopia

73.2270, 71.7244, 54.2407



Tritanopia

76.8991, 71.9198, 81.0631

Trichromacy



Original Color

71.3523, 71.8935, 53.8322

Protanomaly

68.7748, 71.6973, 54.4701

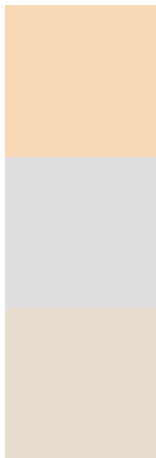
Deuteranomaly

72.3826, 71.6613, 54.2730

Tritanomaly

74.5866, 71.7012, 70.2302

Monochromacy



Original Color

71.3523, 71.8935, 53.8322

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4271, 72.1082, 68.6516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3523, 71.8935, 53.8322 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(248, 215, 181)` looks like.

```
.text, #text, p{  
    color:rgb(248, 215, 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(248, 215, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 215, 181) }
```

Border

The CSS property to change the border of an element to XYZ 71.3523, 71.8935, 53.8322 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(248, 215, 181) }
```


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

```
.border{ border-color:rgb(248, 215, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 215, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 215, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 215, 181);  
box-shadow:4px 4px 4px 4px rgb(248, 215,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3523, 71.8935, 53.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 215, 181) }
```

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

```
.background{ background-color: rgb(248,  
215, 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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