

Converting Colors

XYZ(71.8114, 70.2889, 55.5874)

Have a look what the booklet for
XYZ(71.8114, 70.2889, 55.5874)
contains.

XYZ(71.9484, 70.2914, 55.6744)	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(71.9484, 70.2914,
55.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD2B9
RGB	252, 210, 185
RGB Percent	99%, 82%, 73%
CMY	0.0118, 0.1764, 0.2745
CMYK	0.00, 0.17, 0.27, 0.01
HSL	22°, 92%, 86%
HSV	22°, 27%, 99%
XYZ	71.9484, 70.2914, 55.6744
YIQ	219.7080, 33.0570, 1.1290

Conversions

Conversions Part 2

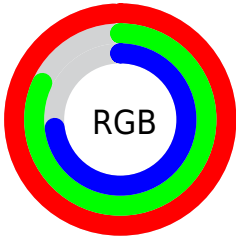
Format	Color
R _Y B	252, 225, 185
Decimal	16569017
CIE Lab	87.14, 11.12, 17.90
CIE LCh	87, 21.069, 58.153
Yxy	70.2914, 0.3635, 0.3552
Android (android.graphics.Color)	4294759097 (0xFFFC D2B9)
YUV	219.7080, -17.1110, 28.3201
Hunter-Lab	83.8400, 6.4622, 19.3161

Details

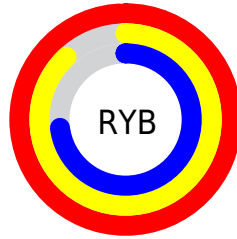
The XYZ color **71.9484, 70.2914, 55.6744** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0466, 72.2786, 102.6185**, and the grayscale version is **67.9248, 71.4622, 77.8223**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **38.5590, 37.0450, 26.9479** is the 20% darker color. If you saturate the color by 10%, you get **65.8116, 61.9043, 41.6468**, and if you desaturate by 10%, it is **78.9454, 79.6434, 72.3164**.

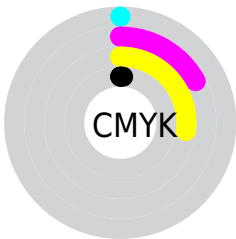
Distribution



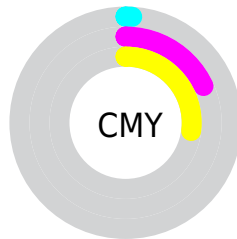
- Red (99%)
- Green (82%)
- Blue (73%)



- Red (99%)
- Yellow (88%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (1%)




- Cyan (1%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9484, 70.2914, 55.6744 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 71.9484, 70.2914, 55.6744 by changing the saturation by 10% instead.


 71.9484, 70.2914,
55.6744

 71.9484, 70.2914,
55.6744


456.5224,
461.5725, 425.8171

 53.4018, 51.7641,
39.5397


 120.9944,
119.6242, 100.0094

 38.3524, 36.8171,
26.8688


152.2245,
151.1986, 129.0468

 26.4348, 25.0659,
17.2431


188.4132,
187.8907, 163.2221

 17.2836, 16.1262,
10.2442

229.9257,
230.0851, 202.9539

 10.5334, 9.6135,
5.4535

277.1276,
278.1660, 248.6608

 5.8190, 5.1434,
2.4523

330.3841,

 2.7749, 2.3317,

332.5180, 300.7612

0.8147

390.0606,
393.5254, 359.6738

■ 1.0359, 0.7904,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9484, 70.2914,
55.6744

■ 71.9484, 70.2914,
55.6744

■ 65.8116, 61.9043,
41.6468

■ 78.9454, 79.6434,
72.3164

■ 60.4935, 54.4402,
30.0945

■ 86.8306, 89.9812,
91.6935

■ 55.9570, 47.8683,
20.8718

■ 93.9550, 99.4355,
108.8488

■ 52.1598, 42.1521,
13.8160

■ 49.0549, 37.2522,
8.7428

■ 46.5885, 33.1251,
5.4367

■ 44.6958, 29.7217,
3.6281

■ 44.1521, 28.7097,
3.2145

Harmonies

Analogous

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



75.5398, 70.2914, 64.4040



71.9484, 70.2914, 55.6744



67.1165, 70.2914, 52.4382

Triad

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



71.9484, 70.2914, 55.6744



57.7585, 70.2914, 75.6618



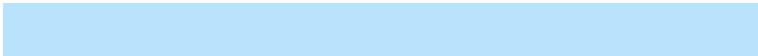
71.3926, 70.2914, 103.1139

Complementary

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



71.9484, 70.2914, 55.6744



65.0466, 72.2786, 102.6185

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.



66.5041, 70.2914, 107.0723



71.9484, 70.2914, 55.6744



58.7799, 70.2914, 90.1018

Square

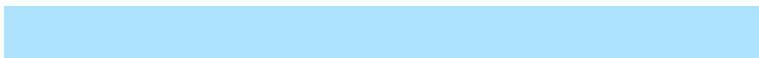
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9484, 70.2914, 55.6744



59.0614, 70.2914, 63.0597



61.9220, 70.2914, 102.0479



75.2080, 70.2914, 91.8059

Rectangle

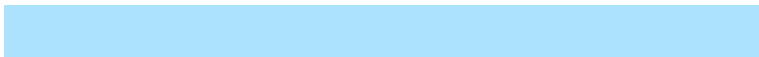
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9484, 70.2914, 55.6744



63.8940, 70.2914, 53.4864



61.9220, 70.2914, 102.0479



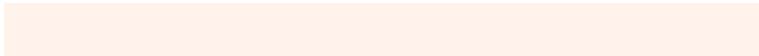
69.8132, 70.2914, 105.4051

Sweetspot

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



71.9503, 70.2946, 55.6759



87.9934, 90.8665, 91.1958



71.4194, 60.9641, 80.9906



18.5647, 19.0976, 18.8521



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.



71.9503, 70.2946, 55.6759



70.3798, 67.4090, 49.0402



80.9728, 88.3397, 58.6834



17.7753, 18.2864, 18.0552



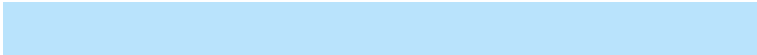
23.1288, 15.2142, 1.7176



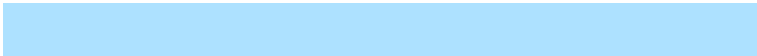
2.2400, 1.6049, 0.1917

Inverse Universe

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



65.0466, 72.2786, 102.6185



62.1748, 69.7552, 104.7949



56.8560, 55.8973, 99.8883



17.1896, 18.4561, 22.0417



15.6636, 16.6828, 50.3681



1.5524, 1.7484, 4.6988

Previews

White Background



This preview shows how the XYZ color 71.9484, 70.2914, 55.6744 looks on a white background.

Color Contrast Check

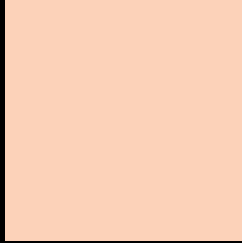
Large Text (above 18pt) WCAG AA × Fail

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 71.9484, 70.2914, 55.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

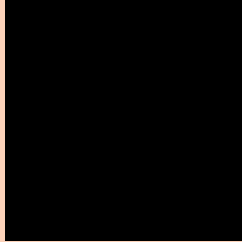
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9484, 70.2914, 55.6744

Background



This preview shows how black text looks on a background with the XYZ color 71.9484, 70.2914, 55.6744.



This preview shows how white text looks on a background with the XYZ color 71.9484, 70.2914,

55.6744.

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

71.9484, 70.2914, 55.6744

Protanopia

66.5698, 70.4749, 58.2385

Deuteranopia

71.5872, 70.1052, 55.6575



Tritanopia

76.1225, 70.1431, 77.9335

Trichromacy



Original Color

71.9484, 70.2914, 55.6744

Protanomaly

68.3026, 70.2362, 57.5340

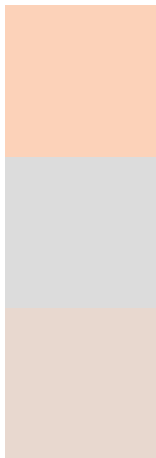
Deuteranomaly

71.5872, 70.1052, 55.6575

Tritanomaly

74.5710, 70.2505, 69.3039

Monochromacy



Original Color

71.9484, 70.2914, 55.6744

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0971, 70.7725, 69.0501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9484, 70.2914, 55.6744 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(252, 210, 185)` looks like.

```
.text, #text, p{  
    color:rgb(252, 210, 185)  
}
```

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(252, 210, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 210, 185) }
```

Border

The CSS property to change the border of an element to XYZ 71.9484, 70.2914, 55.6744 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(252, 210, 185) }
```


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

```
.border{ border-color:rgb(252, 210, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 210, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 210, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 210, 185);  
box-shadow:4px 4px 4px 4px rgb(252, 210,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9484, 70.2914, 55.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 210, 185) }
```

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

```
.background{ background-color: rgb(252,  
210, 185) }
```

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