

Converting Colors

XYZ(98.9521, 84.0377, 45.5726)

Have a look what the booklet for
XYZ(98.9521, 84.0377, 45.5726)
contains.

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Color

**XYZ(70.6513, 69.5053,
44.3425)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1A3
RGB	255, 209, 163
RGB Percent	100%, 82%, 64%
CMY	0.0000, 0.1804, 0.3608
CMYK	0.00, 0.18, 0.36, 0.00
HSL	30°, 100%, 82%
HSV	30°, 36%, 100%
XYZ	70.6513, 69.5053, 44.3425
YIQ	217.5100, 42.1820, -4.5540

Conversions

Conversions Part 2

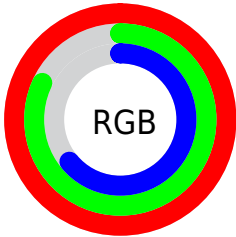
Format	Color
R _Y B	255, 255, 163
Decimal	16765347
CIE Lab	86.75, 10.03, 28.92
CIE LCh	87, 30.604, 70.877
Yxy	69.5053, 0.3829, 0.3767
Android (android.graphics.Color)	4294955427 (0xFFFFD1A3)
YUV	217.5100, -26.8734, 32.8787
Hunter-Lab	83.3698, 5.3716, 26.8239

Details

The XYZ color **70.6513, 69.5053, 44.3425** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.9539, 60.6053, 103.3565**, and the grayscale version is **66.4635, 69.9247, 76.1480**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **37.6165, 36.4607, 20.0939** is the 20% darker color. If you saturate the color by 10%, you get **65.5896, 62.6770, 32.4971**, and if you desaturate by 10%, it is **76.4275, 77.0250, 58.7003**.

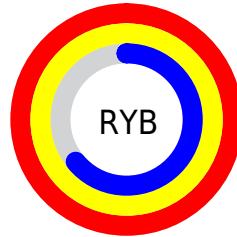
Distribution



Red (100%)

Green (82%)

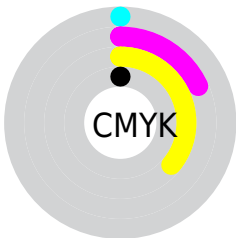
Blue (64%)



Red (100%)

Yellow (100%)

Blue (64%)

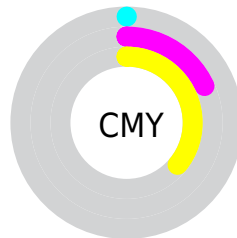


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6513, 69.5053, 44.3425 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 70.6513, 69.5053, 44.3425 by changing the saturation by 10% instead.


 70.6513, 69.5053,
44.3425


 70.6513, 69.5053,
44.3425


452.0644,
458.8111, 380.1863

 52.3392, 51.1233,
30.6007


 119.1583,
118.5030, 83.0408

 37.5009, 36.3068,
20.0391


 150.0839,
149.8875, 108.8344

 25.7710, 24.6712,
12.2391


185.9447,
186.3751, 139.4824

 16.7842, 15.8323,
6.7822

227.1061,
228.3499, 175.4032

 10.1751, 9.4055,
3.2499

273.9334,
276.1966, 217.0155

 5.5783, 5.0066,
1.2236

326.7920,

 2.6286, 2.2512,

330.2994, 264.7377

0.0000

386.0472,
391.0428, 318.9885

■ 0.9606, 0.7477,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.6513, 69.5053,
44.3425

■ 70.6513, 69.5053,
44.3425

■ 65.5896, 62.6770,
32.4971

■ 76.4275, 77.0250,
58.7003

■ 61.2035, 56.5075,
23.0111

■ 82.9441, 85.2478,
75.7025

■ 57.4578, 50.9757,
15.7215

■ 90.2320, 94.1973,
95.4768

■ 54.3114, 46.0550,
10.4422

95.0500, 100.0000,
108.9000

■ 51.7167, 41.7161,
6.9557

■ 49.6162, 37.9247,
4.9924

■ 48.8961, 36.5723,
4.4820

Harmonies

Analogous

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



76.9678, 69.5053, 52.8046



70.6513, 69.5053, 44.3425



63.5120, 69.5053, 43.3283

Triad

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



70.6513, 69.5053, 44.3425



53.5061, 69.5053, 83.3243



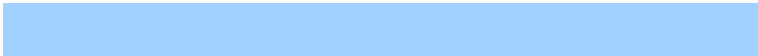
75.4364, 69.5053, 109.3765

Complementary

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



70.6513, 69.5053, 44.3425



55.9539, 60.6053, 103.3565

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.



68.6808, 69.5053, 121.0985



70.6513, 69.5053, 44.3425



56.2396, 69.5053, 104.3578

Square

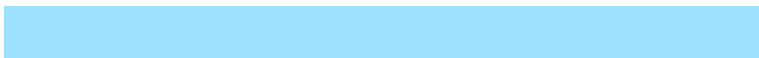
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.6513, 69.5053, 44.3425



53.9502, 69.5053, 63.5445



61.6772, 69.5053, 119.1126



79.8647, 69.5053, 89.2686

Rectangle

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



70.6513, 69.5053, 44.3425



59.2809, 69.5053, 46.7620



61.6772, 69.5053, 119.1126



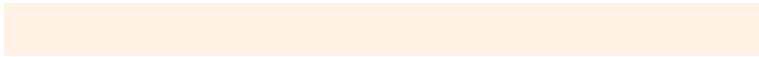
73.3429, 69.5053, 114.5784

Sweetspot

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



70.6531, 69.5086, 44.3439



86.5466, 89.7001, 85.3892



65.8462, 52.0585, 66.9000



18.3144, 18.9411, 17.7080



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.



70.6531, 69.5086, 44.3439



67.0743, 64.7080, 35.8845



83.6109, 95.4243, 48.6632



18.7599, 19.4879, 18.9171



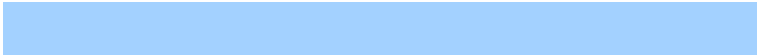
25.6986, 19.4084, 2.3917



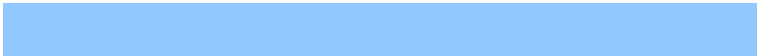
2.6114, 2.1081, 0.2693

Inverse Universe

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



55.9539, 60.6053, 103.3565



50.4821, 54.6581, 102.4971



46.2522, 41.2018, 100.1226



17.7533, 18.8782, 22.9581



13.5792, 12.0679, 51.0482



1.4314, 1.3934, 5.0068

Previews

White Background



This preview shows how the XYZ color 70.6513, 69.5053, 44.3425 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 70.6513, 69.5053, 44.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

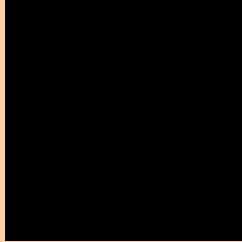
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6513, 69.5053, 44.3425

Background



This preview shows how black text looks on a background with the XYZ color 70.6513, 69.5053, 44.3425.



This preview shows how white text looks on a background with the XYZ color 70.6513, 69.5053,

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

70.6513, 69.5053, 44.3425

Protanopia

65.0666, 69.5715, 46.5585

Deuteranopia

70.8320, 69.5775, 45.2939



Tritanopia

75.3573, 69.4555, 75.0801

Trichromacy



Original Color

70.6513, 69.5053, 44.3425

Protanomaly

66.8647, 69.3716, 45.9423

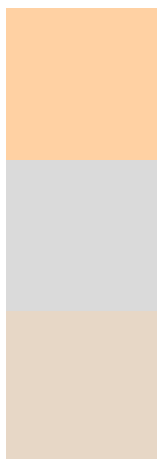
Deuteranomaly

70.7413, 69.5413, 44.8163

Tritanomaly

73.3894, 69.4338, 62.3574

Monochromacy



Original Color

70.6513, 69.5053, 44.3425

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.4485, 69.6670, 63.3182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6513, 69.5053, 44.3425 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(255, 209, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 163)  
}
```

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(255, 209, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 163) }
```

Border

The CSS property to change the border of an element to XYZ 70.6513, 69.5053, 44.3425 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(255, 209, 163) }
```


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

```
.border{ border-color:rgb(255, 209, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6513, 69.5053, 44.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 163) }
```

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

```
.background{ background-color: rgb(255,  
209, 163) }
```

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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