

# Converting Colors

XYZ(71.7520, 75.5736, 53.7036)

Have a look what the booklet for  
XYZ(71.7520, 75.5736, 53.7036)  
contains.

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# **Color**

**XYZ(71.7545, 75.6207,  
53.4622)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3E0B3
RGB	243, 224, 179
RGB Percent	95%, 88%, 70%
CMY	0.0471, 0.1215, 0.2980
CMYK	0.00, 0.08, 0.26, 0.05
HSL	42°, 73%, 83%
HSV	42°, 26%, 95%
XYZ	71.7545, 75.6207, 53.4622
YIQ	224.5510, 25.7690, -9.9670

# Conversions

## Conversions Part 2

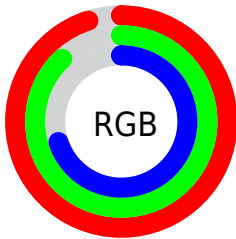
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">206, 243, 179</a>
Decimal	<a href="#">15982771</a>
CIELab	<a href="#">89.68, -0.26, 24.43</a>
CIELCh	<a href="#">90, 24.431, 90.598</a>
Yxy	<a href="#">75.6207, 0.3573, 0.3765</a>
Android (android.graphics.Color)	<a href="#">4294172851 (0xFFFF3E0B3)</a>
YUV	<a href="#">224.5510, -22.4566, 16.1798</a>
Hunter-Lab	<a href="#">86.9602, -4.8924, 24.4212</a>

# Details

The XYZ color **71.7545, 75.6207, 53.4622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.9618, 56.4414, 92.7918**, and the grayscale version is **71.3905, 75.1083, 81.7930**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **38.2036, 40.3214, 25.5079** is the 20% darker color. If you saturate the color by 10%, you get **67.6135, 70.9309, 41.0067**, and if you desaturate by 10%, it is **76.4148, 80.6550, 68.2292**.

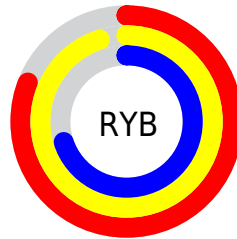
# Distribution



Red (95%)

Green (88%)

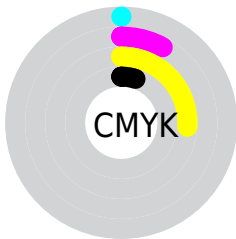
Blue (70%)



Red (81%)

Yellow (95%)

Blue (70%)

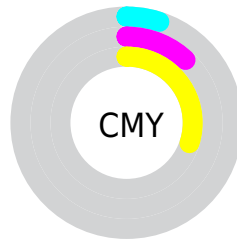


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (5%)



Cyan (5%)

Magenta (12%)


Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7545, 75.6207, 53.4622 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 71.7545, 75.6207, 53.4622 by changing the saturation by 10% instead.





 71.7545, 75.6207,  
53.4622

 71.7545, 75.6207,  
53.4622


455.8576,  
480.0483, 417.1724

 53.2429, 56.1215,  
37.7816


 120.7201,  
127.1906, 96.7326

 38.2250, 40.3004,  
25.5127


151.9049,  
160.0301, 125.1594

 26.3353, 27.7728,  
16.2370


188.0447,  
198.0852, 158.6722

 17.2087, 18.1545,  
9.5358

229.5049,  
241.7403, 197.6893

 10.4796, 11.0610,  
4.9907

276.6510,  
291.3798, 242.6293

 5.7828, 6.1078,  
2.1832

329.8482,

 2.7529, 2.9108,

347.3880, 293.9108

0.6646

389.4620,  
410.1494, 351.9523

■ 1.0245, 1.0853,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 71.7545, 75.6207,  
53.4622

■ 71.7545, 75.6207,  
53.4622

■ 67.6135, 70.9309,  
41.0067

■ 76.4148, 80.6550,  
68.2292

■ 63.9621, 66.5644,  
30.7378

■ 81.6106, 86.0340,  
85.4143

■ 60.7766, 62.5124,  
22.5263

■ 87.3645, 91.7709,  
105.1230

■ 58.0283, 58.7620,  
16.2269

■ 90.0916, 96.4334,  
108.4729

■ 55.6850, 55.2985,  
11.6756

■ 90.7723, 97.7948,  
108.6998

■ 53.7094, 52.1053,  
8.6802

■ 52.0549, 49.1619,  
7.0012

■ 51.5025, 48.1352,  
6.5766

# Harmonies

## Analogous

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



77.7033, 75.6207, 56.7236



71.7545, 75.6207, 53.4622



66.1480, 75.6207, 56.9939

# Triad

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



71.7545, 75.6207, 53.4622



62.3736, 75.6207, 100.3732



82.4281, 75.6207, 99.6910

# Complementary

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



71.7545, 75.6207, 53.4622



54.9618, 56.4414, 92.7918

# Split Complementary

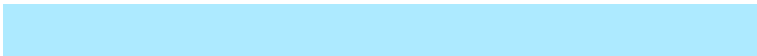
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9238, 75.6207, 114.2624



71.7545, 75.6207, 53.4622



66.3461, 75.6207, 114.6933

# Square

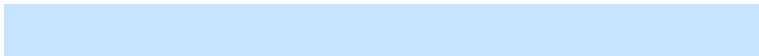
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7545, 75.6207, 53.4622



60.9206, 75.6207, 82.6845



71.9960, 75.6207, 120.0942



84.0701, 75.6207, 81.9927



# Rectangle

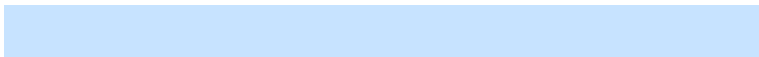
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7545, 75.6207, 53.4622



63.3045, 75.6207, 63.0539



71.9960, 75.6207, 120.0942



81.1866, 75.6207, 105.2006

# Sweetspot

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



71.7565, 75.6241, 53.4638



90.0365, 94.9527, 91.8769



63.2991, 55.3822, 60.9016



19.0793, 20.1268, 19.0236



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.



71.7565, 75.6241, 53.4638



77.3365, 81.3224, 51.3591



72.8851, 84.2124, 55.0620



17.4752, 18.4344, 17.4347



28.3893, 26.6643, 3.6504



2.5843, 2.5219, 0.3506



# Inverse Universe

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



54.9618, 56.4414, 92.7918



55.4791, 56.3637, 102.5630



53.9862, 49.8926, 91.5792



15.9820, 16.7283, 20.9291



10.2569, 6.3075, 47.2149

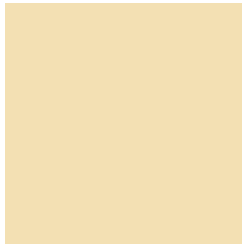


0.9872, 0.7258, 4.1783



# Previews

## White Background



This preview shows how the XYZ color 71.7545, 75.6207, 53.4622 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

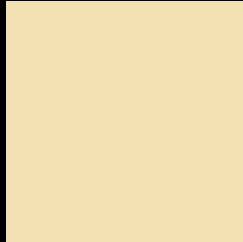
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.7545, 75.6207, 53.4622 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 71.7545, 75.6207, 53.4622**

## **Background**



This preview shows how black text looks on a background with the XYZ color 71.7545, 75.6207, 53.4622.



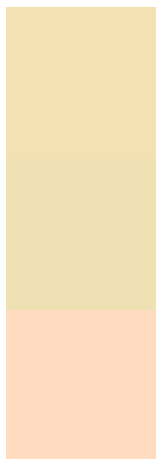
This preview shows how white text looks on a background with the XYZ color 71.7545, 75.6207,

53.4622.

# 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

71.7545, 75.6207, 53.4622

### Protanopia

71.0986, 75.6710, 54.0387

### Deuteranopia

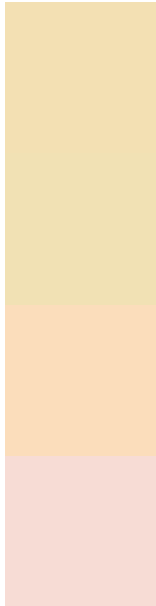
76.0859, 75.7288, 60.4761



## Tritanopia

78.9452, 75.8329, 87.5671

# Trichromacy



## Original Color

71.7545, 75.6207, 53.4622

## Protanomaly

71.4391, 75.8465, 54.0546

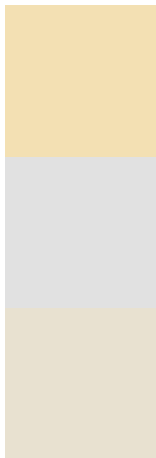
## Deuteranomaly

74.6098, 75.8100, 57.7141

## Tritanomaly

75.9612, 75.7647, 73.5712

# Monochromacy



## Original Color

71.7545, 75.6207, 53.4622

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

71.5891, 75.5603, 70.4860

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.7545, 75.6207, 53.4622 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(243, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(243, 224, 179)  
}
```

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(243, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 179) }
```

## Border

The CSS property to change the border of an element to XYZ 71.7545, 75.6207, 53.4622 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(243, 224, 179) }
```



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

```
.border{ border-color:rgb(243, 224, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 224, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 224, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 224, 179);  
box-shadow:4px 4px 4px 4px rgb(243, 224,  
179) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.7545, 75.6207, 53.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 179) }
```

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

```
.background{ background-color: rgb(243,  
224, 179) }
```

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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