

Converting Colors

XYZ(76.2063, 77.4169, 56.0543)

Have a look what the booklet for
XYZ(76.2063, 77.4169, 56.0543)
contains.

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Color

**XYZ(76.2794, 77.4960,
56.2853)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFB8
RGB	255, 223, 184
RGB Percent	100%, 87%, 72%
CMY	0.0000, 0.1255, 0.2784
CMYK	0.00, 0.13, 0.28, 0.00
HSL	33°, 100%, 86%
HSV	33°, 28%, 100%
XYZ	76.2794, 77.4960, 56.2853
YIQ	228.1220, 31.5910, -5.3450

Conversions

Conversions Part 2

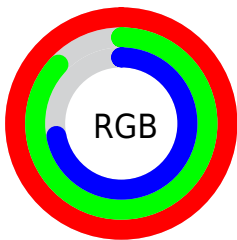
Format	Color
R _Y B	242, 255, 184
Decimal	16768952
CIE Lab	90.55, 5.39, 23.19
CIE LCh	91, 23.811, 76.927
Yxy	77.4960, 0.3631, 0.3689
Android (android.graphics.Color)	4294959032 (0xFFFFDFB8)
YUV	228.1220, -21.7521, 23.5720
Hunter-Lab	88.0318, 0.6142, 23.7138

Details

The XYZ color **76.2794, 77.4960, 56.2853** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.3724, 66.5201, 104.1600**, and the grayscale version is **73.9717, 77.8239, 84.7503**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **41.1253, 41.5143, 27.3182** is the 20% darker color. If you saturate the color by 10%, you get **70.8773, 70.5909, 42.4645**, and if you desaturate by 10%, it is **82.3755, 85.0176, 72.7163**.

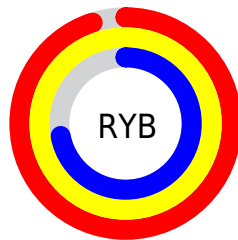
Distribution



Red (100%)

Green (87%)

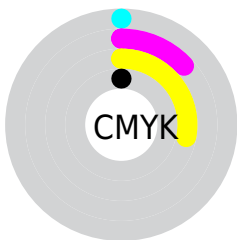
Blue (72%)



Red (95%)

Yellow (100%)

Blue (72%)

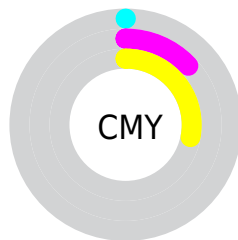


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2794, 77.4960, 56.2853 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 76.2794, 77.4960, 56.2853 by changing the saturation by 10% instead.

 76.2794, 77.4960,
56.2853

 76.2794, 77.4960,
56.2853


471.2333,
486.4535, 428.1843

 56.9595, 57.6601,
40.0262


 127.1000,
129.8394, 100.9115

 41.2127, 41.5354,
27.2450

159.3315,
163.1156, 130.1158

 28.6738, 28.7377,
17.5233


196.5975,
201.6408, 164.4721

 18.9772, 18.8825,
10.4424

239.2634,
245.7992, 204.3991

 11.7577, 11.5854,
5.5838

287.6946,
295.9753, 250.3152

 6.6499, 6.4620,
2.5290

342.2564,

 3.2885, 3.1280,

352.5534, 302.6391

0.8555

403.3142,
415.9180, 361.7893

■ 1.3081, 1.1989,
0.0000

■ 0.1893, 0.0608,
0.0000

■ 76.2794, 77.4960,
56.2853

■ 76.2794, 77.4960,
56.2853

■ 70.8773, 70.5909,
42.4645

■ 82.3755, 85.0176,
72.7163

■ 66.1337, 64.2733,
31.1114

■ 89.1879, 93.1627,
91.8802

■ 62.0177, 58.5268,
22.0769

95.0500, 100.0000,
108.9000

■ 58.4935, 53.3302,
15.1938

■ 55.5209, 48.6600,
10.2721

■ 53.0529, 44.4900,
7.0877

■ 51.0280, 40.7879,
5.3414

■ 50.6312, 40.0424,
5.0604

Harmonies

Analogous

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



81.7618, 77.4960, 62.6101



76.2794, 77.4960, 56.2853



70.3721, 77.4960, 56.7225

Triad

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



76.2794, 77.4960, 56.2853



63.2322, 77.4960, 94.2980



82.3473, 77.4960, 108.8288

Complementary

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



76.2794, 77.4960, 56.2853



62.3724, 66.5201, 104.1600

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.



77.0439, 77.4960, 119.8217



76.2794, 77.4960, 56.2853



66.1075, 77.4960, 110.6884

Square

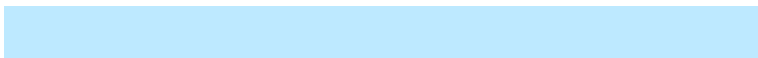
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2794, 77.4960, 56.2853



63.0522, 77.4960, 77.1742



71.0966, 77.4960, 120.5448



85.3902, 77.4960, 92.0209

Rectangle

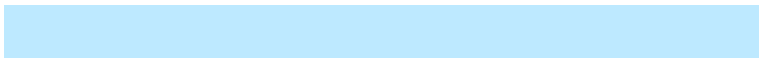
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2794, 77.4960, 56.2853



66.9868, 77.4960, 60.7753



71.0966, 77.4960, 120.5448



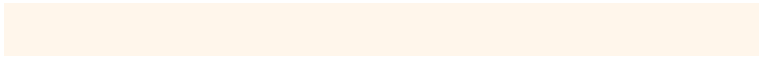
80.7573, 77.4960, 113.4198

Sweetspot

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



76.2813, 77.4995, 56.2869



89.0748, 93.0294, 91.5563



70.9228, 60.5585, 73.6882



18.8366, 19.6414, 18.9427



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.



76.2813, 77.4995, 56.2869



73.4098, 73.8613, 48.8407



84.7866, 95.7947, 59.3700



18.8366, 19.6414, 18.9427



26.6072, 21.2257, 2.6946



2.6998, 2.2850, 0.2988

Inverse Universe

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



62.3724, 66.5201, 104.1600



57.5561, 61.3494, 103.4158



55.5302, 51.9871, 101.7155



17.6771, 18.7257, 22.9327



12.7739, 10.4574, 50.7798



1.3510, 1.2328, 4.9800

Previews

White Background



This preview shows how the XYZ color 76.2794, 77.4960, 56.2853 looks on a white background.

Color Contrast Check

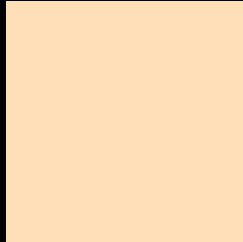
Large Text (above 18pt) WCAG AA × Fail

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 76.2794, 77.4960, 56.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

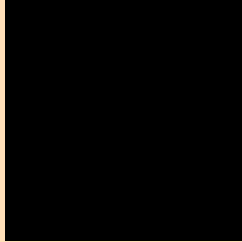
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2794, 77.4960, 56.2853

Background



This preview shows how black text looks on a background with the XYZ color 76.2794, 77.4960, 56.2853.



This preview shows how white text looks on a background with the XYZ color 76.2794, 77.4960, 56.2853.

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

76.2794, 77.4960, 56.2853

Protanopia

72.8820, 77.7327, 57.6170

Deuteranopia

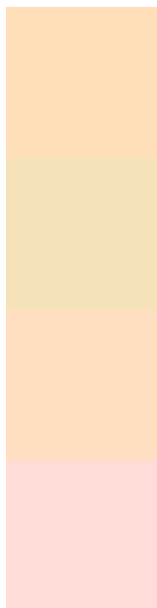
77.5543, 77.5798, 64.3129



Tritanopia

80.8769, 77.2290, 86.9879

Trichromacy



Original Color

76.2794, 77.4960, 56.2853

Protanomaly

73.9593, 77.4883, 56.9576

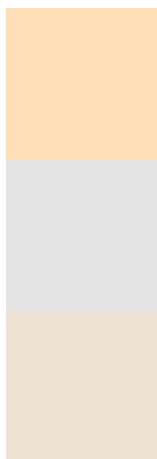
Deuteranomaly

76.9869, 77.3528, 61.3250

Tritanomaly

79.0989, 77.3527, 75.0516

Monochromacy



Original Color

76.2794, 77.4960, 56.2853

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3399, 77.3233, 73.2941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2794, 77.4960, 56.2853 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, 223, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 184)  
}
```

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, 223, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 184) }
```

Border

The CSS property to change the border of an element to XYZ 76.2794, 77.4960, 56.2853 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, 223, 184) }
```


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

```
.border{ border-color:rgb(255, 223, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2794, 77.4960, 56.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 184) }
```

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

```
.background{ background-color: rgb(255,  
223, 184) }
```

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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