

Converting Colors

XYZ(71.4550, 72.4903, 40.3629)

Have a look what the booklet for
XYZ(71.4550, 72.4903, 40.3629)
contains.

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Color

**XYZ(71.5456, 72.6716,
40.3932)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD899
RGB	255, 216, 153
RGB Percent	100%, 85%, 60%
CMY	0.0000, 0.1529, 0.4000
CMYK	0.00, 0.15, 0.40, 0.00
HSL	37°, 100%, 80%
HSV	37°, 40%, 100%
XYZ	71.5456, 72.6716, 40.3932
YIQ	220.4790, 43.4670, -11.3250

Conversions

Conversions Part 2

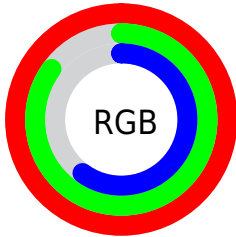
Format	Color
R _Y B	216, 255, 153
Decimal	16767129
CIE Lab	88.29, 5.30, 36.10
CIE LCh	88, 36.492, 81.644
Yxy	72.6716, 0.3875, 0.3936
Android (android.graphics.Color)	4294957209 (0xFFFFD899)
YUV	220.4790, -33.2671, 30.2749
Hunter-Lab	85.2476, 0.6259, 31.5798

Details

The XYZ color **71.5456, 72.6716, 40.3932** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.0359, 51.6898, 101.9475**, and the grayscale version is **68.5679, 72.1388, 78.5591**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **38.1198, 38.2996, 17.6954** is the 20% darker color. If you saturate the color by 10%, you get **67.2370, 67.0723, 29.6532**, and if you desaturate by 10%, it is **76.4561, 78.7541, 53.5557**.

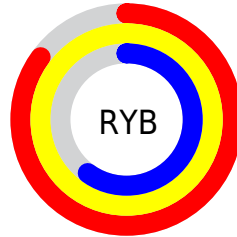
Distribution



Red (100%)

Green (85%)

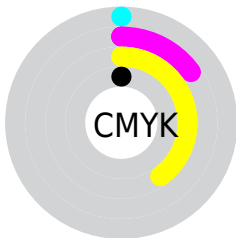
Blue (60%)



Red (85%)

Yellow (100%)

Blue (60%)

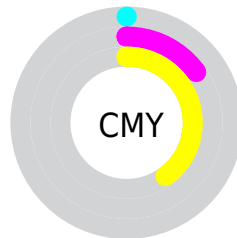


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5456, 72.6716, 40.3932 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 71.5456, 72.6716, 40.3932 by changing the saturation by 10% instead.


 71.5456, 72.6716,
40.3932


 71.5456, 72.6716,
40.3932


455.1407,
469.8758, 363.3793

 53.0717, 53.7075,
27.5291


 120.4246,
123.0109, 77.0055

 38.0877, 38.3678,
17.7351


 151.5604,
155.1548, 101.5909

 26.2283, 26.2683,
10.5925


187.6475,
192.4609, 130.9204

 17.1281, 17.0245,
5.6828

229.0513,
235.3134, 165.4126

 10.4217, 10.2519,
2.5875

276.1372,
284.0967, 205.4860

 5.7439, 5.5663,
0.8860

329.2705,

 2.7291, 2.5832,

339.1953, 251.5593

0.0000

388.8165,
400.9936, 304.0509

■ 1.0122, 0.9182,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5456, 72.6716,
40.3932

■ 71.5456, 72.6716,
40.3932

■ 67.2370, 67.0723,
29.6532

■ 76.4561, 78.7541,
53.5557

■ 63.4933, 61.9294,
21.1781

■ 81.9920, 85.3251,
69.2761

■ 60.2816, 57.2280,
14.7983

■ 88.1818, 92.4027,
87.6847

■ 57.5621, 52.9481,
10.3184

95.0499, 100.0000,
108.9000

■ 55.2879, 49.0665,
7.5052

■ 53.3843, 45.5486,
5.9782

■ 53.3841, 45.5483,
5.9781

Harmonies

Analogous

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



80.0452, 72.6716, 47.0426



71.5456, 72.6716, 40.3932



63.0517, 72.6716, 42.2643

Triad

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



71.5456, 72.6716, 40.3932



54.5870, 72.6716, 98.2592



83.1205, 72.6716, 112.9445

Complementary

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



71.5456, 72.6716, 40.3932



50.0359, 51.6898, 101.9475

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.



75.4642, 72.6716, 132.8832



71.5456, 72.6716, 40.3932



59.1508, 72.6716, 123.2355

Square

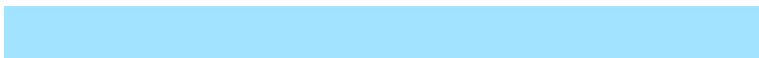
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5456, 72.6716, 40.3932



53.7303, 72.6716, 72.3307



66.6564, 72.6716, 137.0016



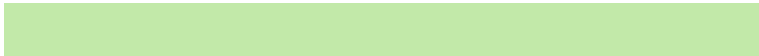
87.0874, 72.6716, 86.3363

Rectangle

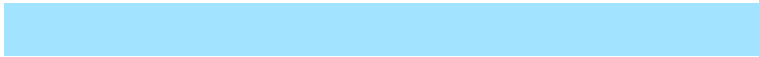
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5456, 72.6716, 40.3932



58.4865, 72.6716, 48.3102



66.6564, 72.6716, 137.0016



80.8638, 72.6716, 120.8633

Sweetspot

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



71.5474, 72.6750, 40.3947



86.8898, 90.9455, 83.7804



62.1572, 47.8534, 55.8886



18.4206, 19.2648, 17.3998



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.



71.5474, 72.6750, 40.3947



68.0524, 68.1551, 31.6142



78.5066, 92.8924, 43.9302



18.9438, 19.8558, 18.9784



28.0432, 24.0977, 3.1733



2.8361, 2.5577, 0.3442

Inverse Universe

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



50.0359, 51.6898, 101.9475



43.8588, 44.5721, 100.8994



44.9382, 37.9920, 99.5723



17.5722, 18.5160, 22.8977



11.8216, 8.5527, 50.4624



1.2527, 1.0360, 4.9472

Previews

White Background



This preview shows how the XYZ color 71.5456, 72.6716, 40.3932 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 71.5456, 72.6716, 40.3932 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 71.5456, 72.6716, 40.3932

Background



This preview shows how black text looks on a background with the XYZ color 71.5456, 72.6716, 40.3932.



This preview shows how white text looks on a background with the XYZ color 71.5456, 72.6716,

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

71.5456, 72.6716, 40.3932

Protanopia

67.6343, 72.9598, 41.5283

Deuteranopia

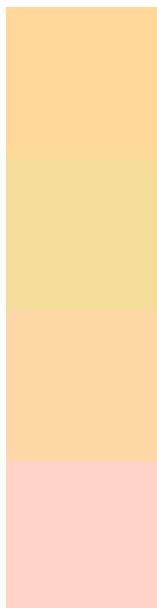
73.0833, 72.8780, 49.7501



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

71.5456, 72.6716, 40.3932

Protanomaly

69.0821, 72.9320, 41.0081

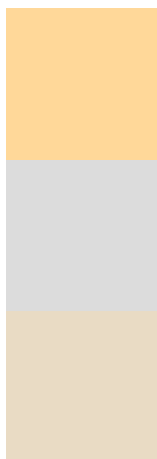
Deuteranomaly

72.4234, 72.6141, 46.2752

Tritanomaly

74.9765, 72.4242, 63.4537

Monochromacy



Original Color

71.5456, 72.6716, 40.3932

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.8996, 71.9722, 62.4852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5456, 72.6716, 40.3932 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, 216, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 153)  
}
```

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, 216, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 153) }
```

Border

The CSS property to change the border of an element to XYZ 71.5456, 72.6716, 40.3932 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, 216, 153) }
```


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

```
.border{ border-color:rgb(255, 216, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 153); box-shadow:4px 4px 4px 4px rgb(255, 216, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5456, 72.6716, 40.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 153) }
```

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

```
.background{ background-color: rgb(255,  
216, 153) }
```

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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