

Converting Colors

XYZ(79.0673, 80.3543, 46.7784)

Have a look what the booklet for
XYZ(79.0673, 80.3543, 46.7784)
contains.

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Color

**XYZ(75.2279, 78.3693,
46.7592)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2A5
RGB	255, 226, 165
RGB Percent	100%, 89%, 65%
CMY	0.0000, 0.1137, 0.3529
CMYK	0.00, 0.11, 0.35, 0.00
HSL	41°, 100%, 82%
HSV	41°, 35%, 100%
XYZ	75.2279, 78.3693, 46.7592
YIQ	227.7170, 36.8650, -12.8230

Conversions

Conversions Part 2

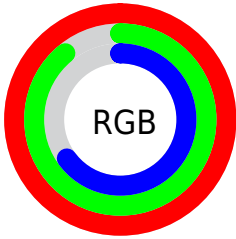
Format	Color
R_{YB}	208, 255, 165
Decimal	16769701
CIE _{Lab}	90.95, 1.52, 33.50
CIE _{LCh}	91, 33.536, 87.399
Yxy	78.3693, 0.3755, 0.3911
Android (android.graphics.Color)	4294959781 (0xFFFFE2A5)
YUV	227.7170, -30.9195, 23.9272
Hunter-Lab	88.5264, -3.2357, 30.6518

Details

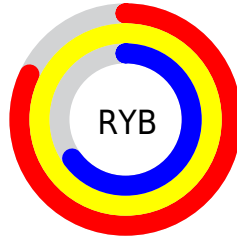
The XYZ color **75.2279, 78.3693, 46.7592** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8584, 53.8013, 102.2065**, and the grayscale version is **73.7375, 77.5776, 84.4820**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **40.5695, 42.1884, 21.6277** is the 20% darker color. If you saturate the color by 10%, you get **70.9543, 73.1735, 35.0031**, and if you desaturate by 10%, it is **80.0752, 83.9715, 60.9912**.

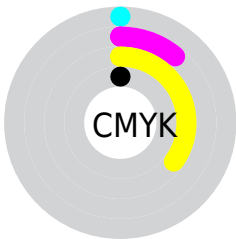
Distribution



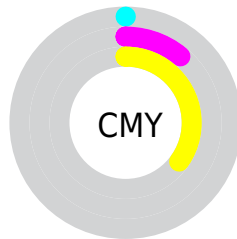
- Red (100%)
- Green (89%)
- Blue (65%)



- Red (82%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2279, 78.3693, 46.7592 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 75.2279, 78.3693, 46.7592 by changing the saturation by 10% instead.


 75.2279, 78.3693,
46.7592


 75.2279, 78.3693,
46.7592


467.6856,
489.4201, 390.2184

 56.0944, 58.3774,
32.4924


 125.6211,
131.0706, 86.7003

 40.5159, 42.1121,
21.4699


 157.6115,
164.5488, 113.2116

 28.1271, 29.1891,
13.2733


194.6184,
203.2912, 144.6415

 18.5624, 19.2239,
7.4841

237.0069,
247.6821, 181.4085

 11.4566, 11.8322,
3.6837

285.1426,
298.1061, 223.9312

 6.4444, 6.6295,
1.4535

339.3907,

 3.1603, 3.2315,

354.9475, 272.6280

0.1829

400.1166,
418.5907, 327.9176

■ 1.2391, 1.2538,
0.0000

■ 0.1369, 0.1050,
0.0000

■ 75.2279, 78.3693,
46.7592

■ 75.2279, 78.3693,
46.7592

■ 70.9543, 73.1735,
35.0031

■ 80.0752, 83.9715,
60.9912

■ 67.2195, 68.3592,
25.5720

■ 85.5172, 89.9824,
77.8284

■ 63.9933, 63.9149,
18.3060

■ 91.5808, 96.4178,
97.3966

■ 61.2396, 59.8235,
13.0224

95.0500, 100.0000,
108.9000

■ 58.9164, 56.0659,
9.5085

■ 56.9725, 52.6188,
7.5016

■ 56.1547, 51.0894,
6.9016

Harmonies

Analogous

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



83.5944, 78.3693, 51.8110



75.2279, 78.3693, 46.7592



67.2543, 78.3693, 50.3107

Triad

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



75.2279, 78.3693, 46.7592



60.9667, 78.3693, 108.5992



89.0395, 78.3693, 112.9542

Complementary

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



75.2279, 78.3693, 46.7592



52.8584, 53.8013, 102.2065

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.



82.2220, 78.3693, 133.7000



75.2279, 78.3693, 46.7592



66.0676, 78.3693, 130.8697

Square

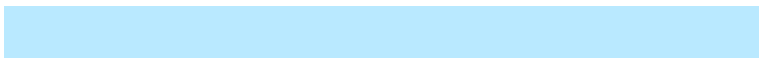
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2279, 78.3693, 46.7592



59.3993, 78.3693, 83.2353



73.7523, 78.3693, 140.8029



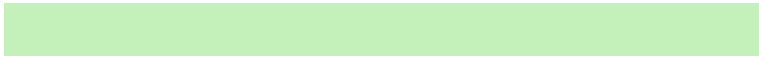
91.9365, 78.3693, 87.4613

Rectangle

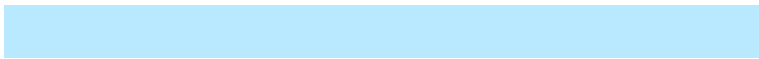
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2279, 78.3693, 46.7592



63.1507, 78.3693, 57.5366



73.7523, 78.3693, 140.8029



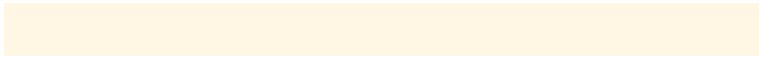
87.1062, 78.3693, 120.8845

Sweetspot

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



75.2298, 78.3729, 46.7608



88.0429, 92.6926, 85.8880



64.5460, 52.1113, 58.2872



18.6714, 19.6550, 17.8270



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

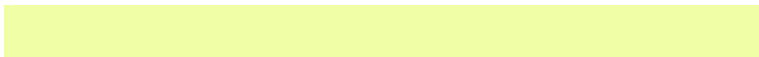
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2298, 78.3729, 46.7608



72.3012, 74.8425, 38.6109



78.4870, 92.7620, 49.3665



19.0389, 20.0461, 19.0101



29.4832, 26.9777, 3.6533



2.9697, 2.8249, 0.3887

Inverse Universe

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



52.8584, 53.8013, 102.2065



47.0553, 47.1279, 101.2243



50.3284, 43.8346, 100.4161



17.4807, 18.3331, 22.8672



11.1332, 7.1759, 50.2329



1.1781, 0.8868, 4.9224

Previews

White Background



This preview shows how the XYZ color 75.2279, 78.3693, 46.7592 looks on a white background.

Color Contrast Check

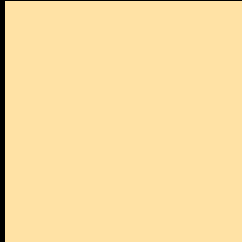
Large Text (above 18pt) WCAG AA × Fail

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 75.2279, 78.3693, 46.7592 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 75.2279, 78.3693, 46.7592

Background



This preview shows how black text looks on a background with the XYZ color 75.2279, 78.3693, 46.7592.



This preview shows how white text looks on a background with the XYZ color 75.2279, 78.3693,

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

75.2279, 78.3693, 46.7592

Protanopia

72.9083, 78.3846, 47.3635

Deuteranopia

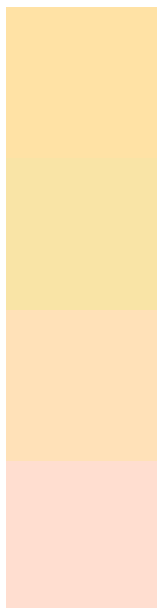
77.7460, 78.5114, 62.6863



Tritanopia

81.5412, 78.3296, 87.9122

Trichromacy



Original Color

75.2279, 78.3693, 46.7592

Protanomaly

73.6933, 78.3797, 47.3211

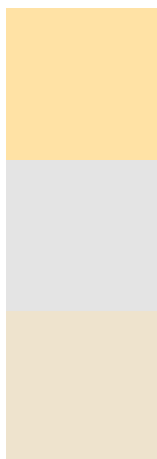
Deuteranomaly

76.8169, 78.5711, 56.4645

Tritanomaly

78.7464, 78.0566, 70.5906

Monochromacy



Original Color

75.2279, 78.3693, 46.7592

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7484, 77.5231, 68.8341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2279, 78.3693, 46.7592 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, 226, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 165)  
}
```

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, 226, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 165) }
```

Border

The CSS property to change the border of an element to XYZ 75.2279, 78.3693, 46.7592 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, 226, 165) }
```


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

```
.border{ border-color:rgb(255, 226, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2279, 78.3693, 46.7592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 165) }
```

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

```
.background{ background-color: rgb(255,  
226, 165) }
```

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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