

Converting Colors

XYZ(83.1582, 82.9164, 46.7372)

Have a look what the booklet for
XYZ(83.1582, 82.9164, 46.7372)
contains.

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Color

**XYZ(75.4099, 78.8785,
46.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3A4
RGB	255, 227, 164
RGB Percent	100%, 89%, 64%
CMY	0.0000, 0.1098, 0.3569
CMYK	0.00, 0.11, 0.36, 0.00
HSL	42°, 100%, 82%
HSV	42°, 36%, 100%
XYZ	75.4099, 78.8785, 46.3725
YIQ	228.1900, 36.9110, -13.6570

Conversions

Conversions Part 2

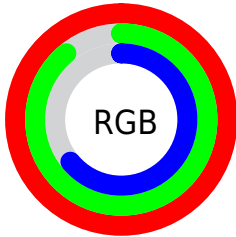
Format	Color
R_{YB}	204, 255, 164
Decimal	16769956
CIE _{Lab}	91.18, 0.90, 34.32
CIE _{LCh}	91, 34.329, 88.500
Yxy	78.8785, 0.3758, 0.3931
Android (android.graphics.Color)	4294960036 (0xFFFFE3A4)
YUV	228.1900, -31.6457, 23.5124
Hunter-Lab	88.8136, -3.8628, 31.2122

Details

The XYZ color **75.4099, 78.8785, 46.3725** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.2090, 52.8101, 102.0494**, and the grayscale version is **74.0890, 77.9474, 84.8848**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **40.7031, 42.5452, 21.3960** is the 20% darker color. If you saturate the color by 10%, you get **71.2377, 73.8572, 34.7370**, and if you desaturate by 10%, it is **80.1456, 84.2873, 60.4754**.

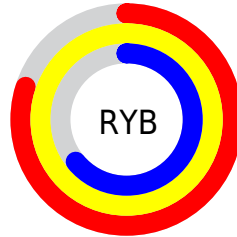
Distribution



Red (100%)

Green (89%)

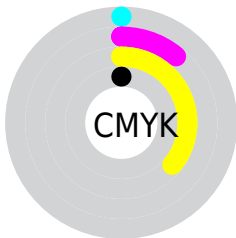
Blue (64%)



Red (80%)

Yellow (100%)

Blue (64%)

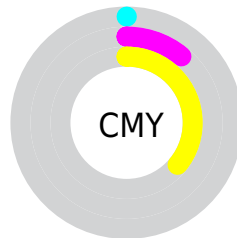


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4099, 78.8785, 46.3725 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 75.4099, 78.8785, 46.3725 by changing the saturation by 10% instead.


 75.4099, 78.8785,
46.3725


 75.4099, 78.8785,
46.3725


468.3008,
491.1452, 388.6252

 56.2441, 58.7959,
32.1891


 125.8772,
131.7878, 86.1163

 40.6364, 42.4489,
21.2400


 157.9095,
165.3833, 112.5139

 28.2215, 29.4529,
13.1066

194.9613,
204.2519, 143.8198

 18.6340, 19.4237,
7.3704

237.3980,
248.7780, 180.4528

 11.5086, 11.9768,
3.6129

285.5849,
299.3460, 222.8312

 6.4798, 6.7279,
1.4155

339.8875,

 3.1824, 3.2925,

356.3403, 271.3738

0.1537

400.6710,
420.1452, 326.4989

■ 1.2509, 1.2863,
0.0000

■ 0.1460, 0.1306,
0.0000

■ 75.4099, 78.8785,
46.3725

■ 75.4099, 78.8785,
46.3725

■ 71.2377, 73.8572,
34.7370

■ 80.1456, 84.2873,
60.4754

■ 67.5940, 69.1987,
25.4175

■ 85.4655, 90.0855,
77.1752

■ 64.4487, 64.8920,
18.2534

■ 91.3965, 96.2885,
96.5981

■ 61.7658, 60.9203,
13.0611

95.0500, 100.0000,
108.9000

■ 59.5033, 57.2647,
9.6266

■ 57.6094, 53.9022,
7.6845

■ 56.8743, 52.5287,
7.1415

Harmonies

Analogous

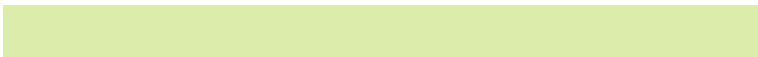
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0475, 78.8785, 51.1967



75.4099, 78.8785, 46.3725



67.2762, 78.8785, 50.3145

Triad

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



75.4099, 78.8785, 46.3725



61.2222, 78.8785, 110.8091



90.1439, 78.8785, 113.4004

Complementary

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



75.4099, 78.8785, 46.3725



52.2090, 52.8101, 102.0494

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.



83.2326, 78.8785, 135.1907



75.4099, 78.8785, 46.3725



66.5738, 78.8785, 133.5027

Square

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



75.4099, 78.8785, 46.3725



59.4747, 78.8785, 84.6387



74.5351, 78.8785, 143.1697



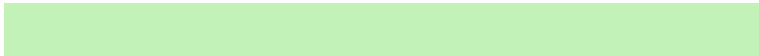
92.9508, 78.8785, 87.1441

Rectangle

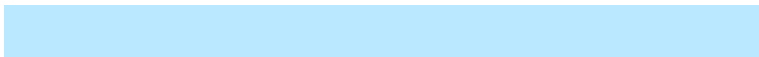
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4099, 78.8785, 46.3725



63.1380, 78.8785, 57.9131



74.5351, 78.8785, 143.1697



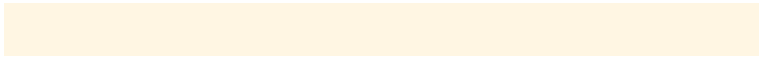
88.1986, 78.8785, 121.6656

Sweetspot

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



75.4119, 78.8821, 46.3741



88.1670, 92.9408, 85.9293



64.1212, 51.6538, 56.9364



18.7011, 19.7143, 17.8369



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

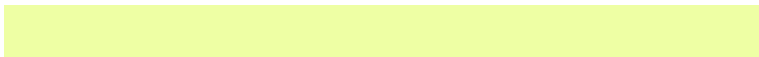
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4119, 78.8821, 46.3741



72.3053, 75.1700, 37.6281



77.8275, 92.4325, 48.8623



19.0620, 20.0923, 19.0178



29.8566, 27.7244, 3.7777



3.0040, 2.8933, 0.4001

Inverse Universe

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



52.2090, 52.8101, 102.0494



45.9252, 45.5444, 100.9782



50.3081, 43.5574, 100.3636



17.4587, 18.2891, 22.8599



10.9869, 6.8835, 50.1842



1.1617, 0.8540, 4.9169

Previews

White Background



This preview shows how the XYZ color 75.4099, 78.8785, 46.3725 looks on a white background.

Color Contrast Check

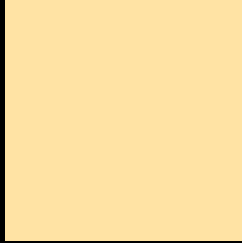
Large Text (above 18pt) WCAG AA × Fail

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 75.4099, 78.8785, 46.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

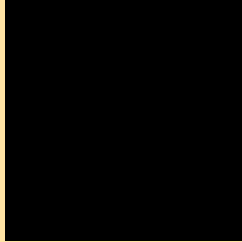
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4099, 78.8785, 46.3725

Background



This preview shows how black text looks on a background with the XYZ color 75.4099, 78.8785, 46.3725.



This preview shows how white text looks on a background with the XYZ color 75.4099, 78.8785,

46.3725.

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

75.4099, 78.8785, 46.3725

Protanopia

73.4461, 79.0844, 46.9911

Deuteranopia

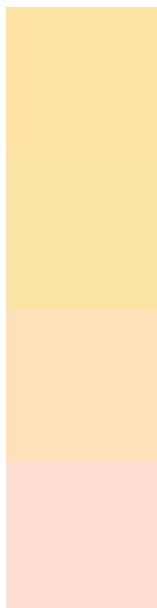
77.9737, 78.6025, 63.8855



Tritanopia

81.9477, 78.9134, 88.7546

Trichromacy



Original Color

75.4099, 78.8785, 46.3725

Protanomaly

74.2352, 79.0792, 46.9485

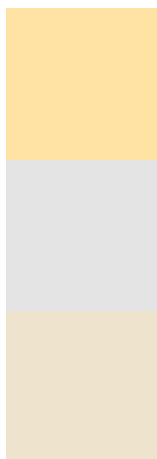
Deuteranomaly

76.9222, 78.6132, 57.0186

Tritanomaly

79.1363, 78.6388, 71.3295

Monochromacy



Original Color

75.4099, 78.8785, 46.3725

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0227, 78.0717, 68.9255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4099, 78.8785, 46.3725 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, 227, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 164)  
}
```

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, 227, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 164) }
```

Border

The CSS property to change the border of an element to XYZ 75.4099, 78.8785, 46.3725 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, 227, 164) }
```


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

```
.border{ border-color:rgb(255, 227, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4099, 78.8785, 46.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 164) }
```

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

```
.background{ background-color: rgb(255,  
227, 164) }
```

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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