

Converting Colors

XYZ(83.0774, 82.7599, 46.2580)

Have a look what the booklet for
XYZ(83.0774, 82.7599, 46.2580)
contains.

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Color

**XYZ(75.3199, 78.8425,
45.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3A3
RGB	255, 227, 163
RGB Percent	100%, 89%, 64%
CMY	0.0000, 0.1098, 0.3608
CMYK	0.00, 0.11, 0.36, 0.00
HSL	42°, 100%, 82%
HSV	42°, 36%, 100%
XYZ	75.3199, 78.8425, 45.8987
YIQ	228.0760, 37.2320, -13.9680

Conversions

Conversions Part 2

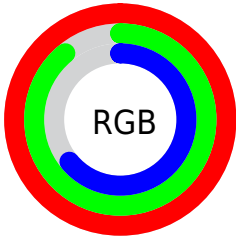
Format	Color
R_{YB}	203, 255, 163
Decimal	16769955
CIE _{Lab}	91.16, 0.78, 34.80
CIE _{LCh}	91, 34.812, 88.709
Yxy	78.8425, 0.3765, 0.3941
Android (android.graphics.Color)	4294960035 (0xFFFFE3A3)
YUV	228.0760, -32.0825, 23.6123
Hunter-Lab	88.7933, -3.9737, 31.5073

Details

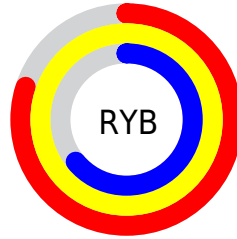
The XYZ color **75.3199, 78.8425, 45.8987** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.7845, 52.2664, 101.9667**, and the grayscale version is **74.0084, 77.8626, 84.7924**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **40.6477, 42.5231, 21.1043** is the 20% darker color. If you saturate the color by 10%, you get **71.1875, 73.8727, 34.3631**, and if you desaturate by 10%, it is **80.0126, 84.1951, 59.8955**.

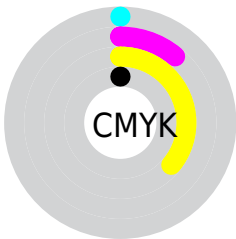
Distribution



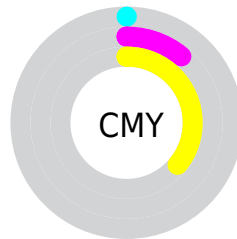
- Red (100%)
- Green (89%)
- Blue (64%)



- 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 75.3199, 78.8425, 45.8987 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 75.3199, 78.8425, 45.8987 by changing the saturation by 10% instead.


 75.3199, 78.8425,
45.8987


 75.3199, 78.8425,
45.8987

467.9966,
491.0234, 386.6670

 56.1701, 58.7663,
31.8178


 125.7506,
131.7371, 85.4001

 40.5769, 42.4250,
20.9587


 157.7622,
165.3243, 111.6576

 28.1748, 29.4343,
12.9029


194.7917,
204.1840, 142.8111

 18.5986, 19.4096,
7.2318


237.2046,
248.7006, 179.2791

 11.4829, 11.9666,
3.5268

285.3662,
299.2584, 221.4802

 6.4623, 6.7209,
1.3695

339.6418,

 3.1715, 3.2882,

356.2419, 269.8328

0.1178

400.3969,
420.0354, 324.7556

■ 1.2451, 1.2840,
0.0000

■ 0.1415, 0.1287,
0.0000

■ 75.3199, 78.8425,
45.8987

■ 75.3199, 78.8425,
45.8987

■ 71.1875, 73.8727,
34.3631

■ 80.0126, 84.1951,
59.8955

■ 67.5804, 69.2613,
25.1368

■ 85.2864, 89.9323,
76.4834

■ 64.4685, 64.9969,
18.0584

■ 91.1682, 96.0697,
95.7891

■ 61.8154, 61.0631,
12.9435

95.0500, 100.0000,
108.9000

■ 59.5790, 57.4407,
9.5765

■ 57.7072, 54.1069,
7.6894

■ 57.0427, 52.8655,
7.1976

Harmonies

Analogous

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



84.0865, 78.8425, 50.6985



75.3199, 78.8425, 45.8987



67.0898, 78.8425, 49.9327

Triad

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



75.3199, 78.8425, 45.8987



61.0377, 78.8425, 111.3281



90.3685, 78.8425, 113.5957

Complementary

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



75.3199, 78.8425, 45.8987



51.7845, 52.2664, 101.9667

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.



83.3744, 78.8425, 135.8255



75.3199, 78.8425, 45.8987



66.4773, 78.8425, 134.3461

Square

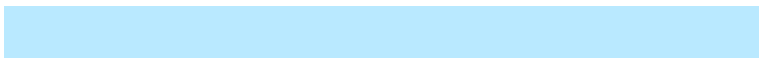
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3199, 78.8425, 45.8987



59.2428, 78.8425, 84.7572



74.5563, 78.8425, 144.0694



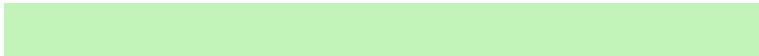
93.1846, 78.8425, 86.9442

Rectangle

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



75.3199, 78.8425, 45.8987



62.9142, 78.8425, 57.6419



74.5563, 78.8425, 144.0694



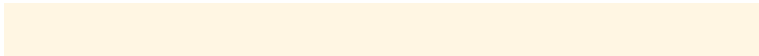
88.4024, 78.8425, 122.0125

Sweetspot

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



75.3219, 78.8461, 45.9003



88.1956, 92.9980, 85.9389



63.8669, 51.2669, 56.4769



18.7079, 19.7280, 17.8392



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.



75.3219, 78.8461, 45.9003



72.4024, 75.3642, 37.6605



77.6758, 92.3646, 48.3856



19.0674, 20.1029, 19.0196



29.9440, 27.8992, 3.8069



3.0120, 2.9093, 0.4028

Inverse Universe

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



51.7845, 52.2664, 101.9667



45.8518, 45.3975, 100.9537



49.9394, 43.1027, 100.2952



17.4537, 18.2789, 22.8582



10.9544, 6.8183, 50.1733



1.1580, 0.8467, 4.9157

Previews

White Background



This preview shows how the XYZ color 75.3199, 78.8425, 45.8987 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 75.3199, 78.8425, 45.8987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

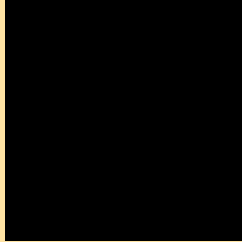
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3199, 78.8425, 45.8987

Background



This preview shows how black text looks on a background with the XYZ color 75.3199, 78.8425, 45.8987.



This preview shows how white text looks on a background with the XYZ color 75.3199, 78.8425,

45.8987.

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

75.3199, 78.8425, 45.8987

Protanopia

73.3554, 79.0481, 46.5135

Deuteranopia

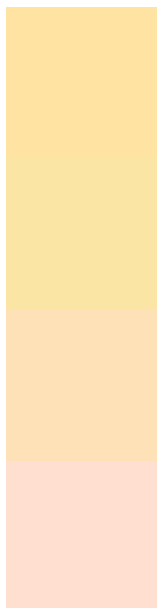
77.8595, 78.5568, 63.2839



Tritanopia

81.8044, 78.8561, 88.0000

Trichromacy



Original Color

75.3199, 78.8425, 45.8987

Protanomaly

74.1445, 79.0430, 46.4709

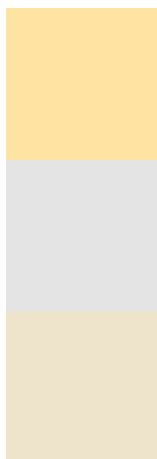
Deuteranomaly

76.8169, 78.5711, 56.4645

Tritanomaly

79.0128, 78.5894, 70.6794

Monochromacy



Original Color

75.3199, 78.8425, 45.8987

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9024, 78.0236, 68.2917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3199, 78.8425, 45.8987 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 163) }
```

Border

The CSS property to change the border of an element to XYZ 75.3199, 78.8425, 45.8987 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, 163) }
```


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

```
.border{ border-color:rgb(255, 227, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3199, 78.8425, 45.8987 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, 163) }
```

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

```
.background{ background-color: rgb(255,  
227, 163) }
```

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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