

Converting Colors

XYZ(78.9083, 80.2053, 46.0753)

Have a look what the booklet for
XYZ(78.9083, 80.2053, 46.0753)
contains.

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Color

**XYZ(75.0472, 78.2971,
45.8078)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2A3
RGB	255, 226, 163
RGB Percent	100%, 89%, 64%
CMY	0.0000, 0.1137, 0.3608
CMYK	0.00, 0.11, 0.36, 0.00
HSL	41°, 100%, 82%
HSV	41°, 36%, 100%
XYZ	75.0472, 78.2971, 45.8078
YIQ	227.4890, 37.5070, -13.4450

Conversions

Conversions Part 2

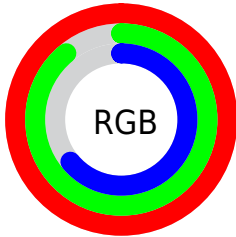
Format	Color
RYB	205, 255, 163
Decimal	16769699
CIELab	90.92, 1.29, 34.48
CIElCh	91, 34.500, 87.852
Yxy	78.2971, 0.3768, 0.3932
Android (android.graphics.Color)	4294959779 (0xFFFFE2A3)
YUV	227.4890, -31.7931, 24.1271
Hunter-Lab	88.4856, -3.4589, 31.2463

Details

The XYZ color **75.0472, 78.2971, 45.8078** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.0033, 52.7040, 102.0397**, and the grayscale version is **73.5768, 77.4086, 84.2979**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **40.4581, 42.1438, 21.0411** is the 20% darker color. If you saturate the color by 10%, you get **70.8551, 73.2079, 34.2523**, and if you desaturate by 10%, it is **79.8064, 83.7826, 59.8267**.

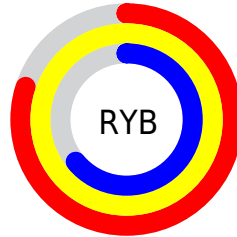
Distribution



Red (100%)

Green (89%)

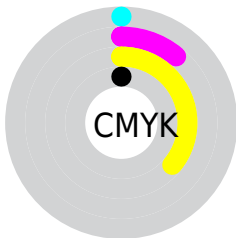
Blue (64%)



Red (80%)

Yellow (100%)

Blue (64%)

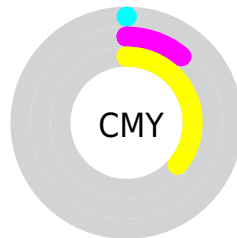


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0472, 78.2971, 45.8078 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 75.0472, 78.2971, 45.8078 by changing the saturation by 10% instead.


 75.0472, 78.2971,
45.8078


 75.0472, 78.2971,
45.8078


467.0745,
489.1752, 386.2905

 55.9459, 58.3181,
31.7466


 125.3667,
130.9689, 85.2625

 40.3964, 42.0644,
20.9048


 157.3156,
164.4304, 111.4932

 28.0333, 29.1517,
12.8639


194.2778,
203.1548, 142.6173

 18.4913, 19.1956,
7.2053

236.6185,
247.5266, 179.0536

 11.4051, 11.8117,
3.5104

284.7032,
297.9302, 221.2205

 6.4093, 6.6156,
1.3608

338.8972,

 3.1385, 3.2229,

354.7499, 269.5366

0.1109

399.5658,
418.3701, 324.4204

■ 1.2274, 1.2492,
0.0000

■ 0.1279, 0.1013,
0.0000

■ 75.0472, 78.2971,
45.8078

■ 75.0472, 78.2971,
45.8078

■ 70.8551, 73.2079,
34.2523

■ 79.8064, 83.7826,
59.8267

■ 67.1950, 68.4904,
25.0083

■ 85.1536, 89.6666,
76.4391

■ 64.0365, 64.1330,
17.9144

■ 91.1158, 95.9649,
95.7716

■ 61.3432, 60.1187,
12.7861

95.0500, 100.0000,
108.9000

■ 59.0728, 56.4284,
9.4078

■ 57.1731, 53.0385,
7.5113

■ 56.4992, 51.7785,
7.0164

Harmonies

Analogous

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



83.6714, 78.2971, 50.8077



75.0472, 78.2971, 45.8078



66.8806, 78.2971, 49.5478

Triad

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



75.0472, 78.2971, 45.8078



60.5982, 78.2971, 109.6272



89.4859, 78.2971, 113.3428

Complementary

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



75.0472, 78.2971, 45.8078



52.0033, 52.7040, 102.0397

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.



82.5037, 78.2971, 134.9628



75.0472, 78.2971, 45.8078



65.8753, 78.2971, 132.5406

Square

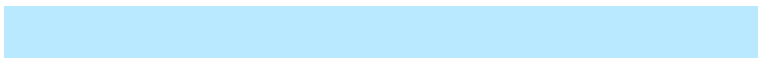
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0472, 78.2971, 45.8078



58.9356, 78.2971, 83.4708



73.7944, 78.2971, 142.5883



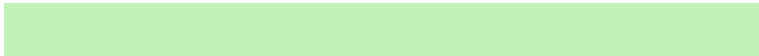
92.4014, 78.2971, 87.0588

Rectangle

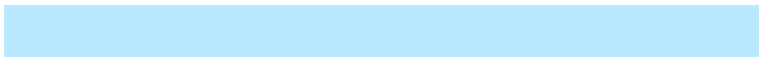
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0472, 78.2971, 45.8078



62.7025, 78.2971, 56.9969



73.7944, 78.2971, 142.5883



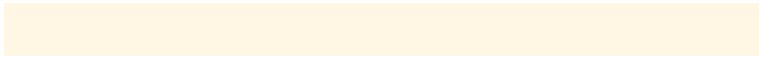
87.5112, 78.2971, 121.5755

Sweetspot

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



75.0492, 78.3007, 45.8094



88.1027, 92.8122, 85.9079



63.8669, 51.2669, 56.4769



18.6857, 19.6836, 17.8318



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.



75.0492, 78.3007, 45.8094



72.0877, 74.7347, 37.5556



77.6758, 92.3646, 48.3856



19.0501, 20.0683, 19.0139



29.6620, 27.3353, 3.7129



2.9862, 2.8577, 0.3942

Inverse Universe

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



52.0033, 52.7040, 102.0397



46.0912, 45.8763, 101.0335



49.9393, 43.1027, 100.2952



17.4701, 18.3118, 22.8637



11.0617, 7.0330, 50.2091



1.1701, 0.8709, 4.9197

Previews

White Background



This preview shows how the XYZ color 75.0472, 78.2971, 45.8078 looks on a white background.

Color Contrast Check

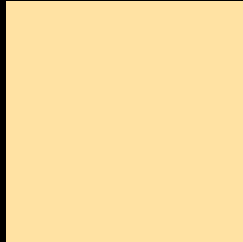
Large Text (above 18pt) WCAG AA × Fail

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 75.0472, 78.2971, 45.8078 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 75.0472, 78.2971, 45.8078

Background



This preview shows how black text looks on a background with the XYZ color 75.0472, 78.2971, 45.8078.



This preview shows how white text looks on a background with the XYZ color 75.0472, 78.2971,

45.8078.

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

75.0472, 78.2971, 45.8078

Protanopia

73.0779, 78.4931, 46.4210

Deuteranopia

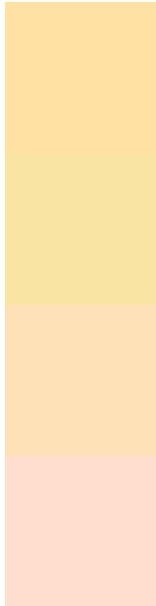
77.7460, 78.5114, 62.6863



Tritanopia

81.5412, 78.3296, 87.9122

Trichromacy



Original Color

75.0472, 78.2971, 45.8078

Protanomaly

73.8686, 78.4911, 46.3790

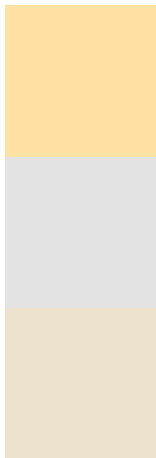
Deuteranomaly

76.7125, 78.5293, 55.9142

Tritanomaly

78.7464, 78.0566, 70.5906

Monochromacy



Original Color

75.0472, 78.2971, 45.8078

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2932, 77.3023, 68.1846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0472, 78.2971, 45.8078 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 163) }
```

Border

The CSS property to change the border of an element to XYZ 75.0472, 78.2971, 45.8078 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, 163) }
```


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

```
.border{ border-color:rgb(255, 226, 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, 226, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0472, 78.2971, 45.8078 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, 163) }
```

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

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