

Converting Colors

XYZ(75.4305, 82.4844, 45.6798)

Have a look what the booklet for
XYZ(75.4305, 82.4844, 45.6798)
contains.

XYZ(75.4954, 82.7039, 45.7026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.4954, 82.7039,
45.7026)**

Conversions

Conversions Part 1

Format	Color
Hex	F9ECA1
RGB	249, 236, 161
RGB Percent	98%, 93%, 63%
CMY	0.0235, 0.0745, 0.3686
CMYK	0.00, 0.05, 0.35, 0.02
HSL	51°, 88%, 80%
HSV	51°, 35%, 98%
XYZ	75.4954, 82.7039, 45.7026
YIQ	231.3370, 31.8230, -20.5690

Conversions

Conversions Part 2

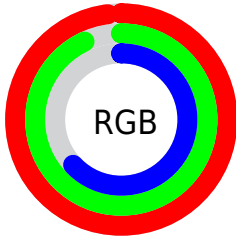
Format	Color
RYB	176, 249, 161
Decimal	16379041
CIELab	92.88, -6.28, 37.99
CIELCh	93, 38.501, 99.384
Yxy	82.7039, 0.3703, 0.4056
Android (android.graphics.Color)	4294569121 (0xFFF9ECA1)
YUV	231.3370, -34.6761, 15.4905
Hunter-Lab	90.9417, -10.9659, 33.8631

Details

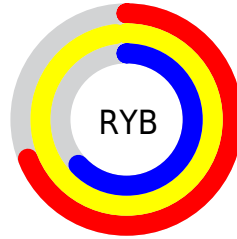
The XYZ color **75.4954, 82.7039, 45.7026** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.9325, 44.6873, 95.7744**, and the grayscale version is **76.4422, 80.4232, 87.5809**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **40.5139, 44.8016, 20.6996** is the 20% darker color. If you saturate the color by 10%, you get **72.4677, 79.8193, 34.9179**, and if you desaturate by 10%, it is **78.9864, 85.8145, 58.8008**.

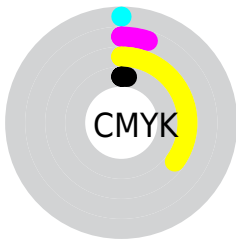
Distribution



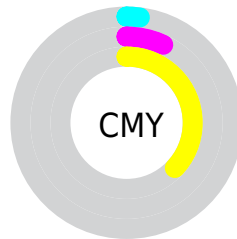
- Red (98%)
- Green (93%)
- Blue (63%)



- Red (69%)
- Yellow (98%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4954, 82.7039, 45.7026 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 75.4954, 82.7039, 45.7026 by changing the saturation by 10% instead.


 75.4954, 82.7039,
45.7026

 75.4954, 82.7039,
45.7026


468.5896,
503.9992, 385.8545

 56.3144, 61.9459,
31.6642


 125.9975,
137.1607, 85.1033

 40.6931, 44.9890,
20.8425


 158.0494,
171.6282, 111.3028

 28.2659, 31.4488,
12.8188


195.1223,
211.4345, 142.3930

 18.6677, 20.9408,
7.1746

237.5816,
256.9637, 178.7925

 11.5330, 13.0807,
3.4914

285.7926,
308.6004, 220.9199

 6.4965, 7.4842,
1.3507

340.1207,

 3.1927, 3.7667,

366.7290, 269.1936

0.1028

400.9312,
431.7338, 324.0323

■ 1.2565, 1.5439,
0.0000

■ 0.1503, 0.3193,
0.0000

■ 75.4954, 82.7039,
45.7026

■ 75.4954, 82.7039,
45.7026

■ 72.4677, 79.8193,
34.9179

■ 78.9864, 85.8145,
58.8008

■ 69.8708, 77.1388,
26.3041

■ 82.9584, 89.1497,
74.3334

■ 67.6777, 74.6542,
19.7108

■ 87.4359, 92.7224,
92.4192

■ 65.8558, 72.3524,
14.9663

■ 91.5246, 96.1750,
108.3475

■ 64.3669, 70.2178,
11.8705

■ 92.6826, 98.4910,
108.7335

■ 63.1639, 68.2314,
10.1761

■ 92.8769, 98.8797,
108.7983

■ 62.6688, 67.3435,
9.6956

Harmonies

Analogous

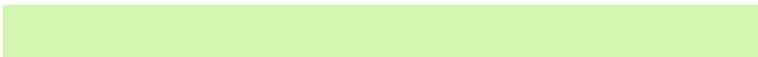
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6179, 82.7039, 47.5118



75.4954, 82.7039, 45.7026



66.9606, 82.7039, 53.6575

Triad

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



75.4954, 82.7039, 45.7026



64.5833, 82.7039, 129.9776



98.1398, 82.7039, 111.0011

Complementary

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



75.4954, 82.7039, 45.7026



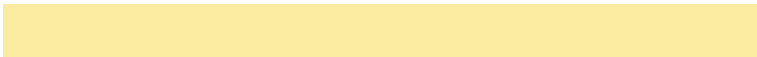
46.9325, 44.6873, 95.7744

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.



91.5324, 82.7039, 140.0192



75.4954, 82.7039, 45.7026



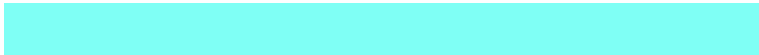
71.9908, 82.7039, 152.4965

Square

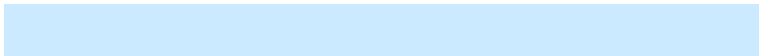
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4954, 82.7039, 45.7026



61.0242, 82.7039, 99.3892



81.8041, 82.7039, 156.5190



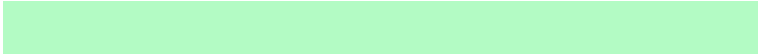
99.2805, 82.7039, 81.3159

Rectangle

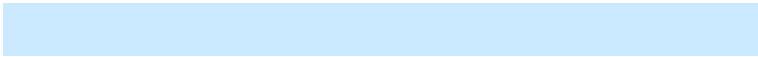
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4954, 82.7039, 45.7026



63.1067, 82.7039, 64.6787



81.8041, 82.7039, 156.5190



96.4591, 82.7039, 121.3164

Sweetspot

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



75.4975, 82.7077, 45.7043



89.5511, 95.7091, 86.3907



59.4719, 48.6942, 46.4121



19.0324, 20.3771, 17.9473



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.



75.4975, 82.7077, 45.7043



77.4983, 85.2369, 40.3433



69.2824, 85.2610, 46.5247



18.4962, 19.7282, 18.2955



33.6283, 36.2133, 5.2175



3.1721, 3.4691, 0.5024

Inverse Universe

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



46.9325, 44.6873, 95.7744



43.4690, 39.9553, 100.0288



51.5322, 43.5107, 95.3049



16.4898, 17.0565, 21.8084



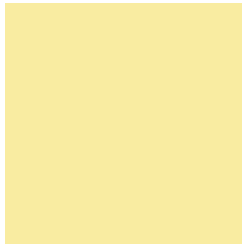
9.5648, 4.4851, 48.3351



0.9458, 0.5353, 4.4966

Previews

White Background



This preview shows how the XYZ color 75.4954, 82.7039, 45.7026 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 75.4954, 82.7039, 45.7026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

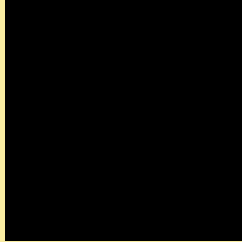
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4954, 82.7039, 45.7026

Background



This preview shows how black text looks on a background with the XYZ color 75.4954, 82.7039, 45.7026.



This preview shows how white text looks on a background with the XYZ color 75.4954, 82.7039,

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

75.4954, 82.7039, 45.7026

Protanopia

76.6410, 82.4545, 45.1336

Deuteranopia

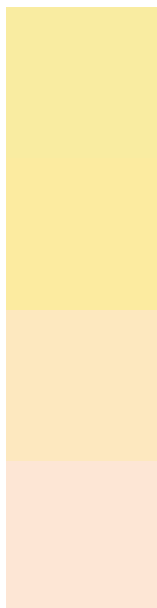
80.9220, 82.4077, 71.3157



Tritanopia

84.7361, 82.6090, 95.4835

Trichromacy



Original Color

75.4954, 82.7039, 45.7026

Protanomaly

76.1984, 82.6502, 45.1947

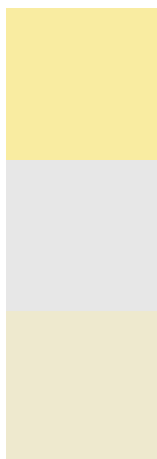
Deuteranomaly

78.7686, 82.3575, 61.0352

Tritanomaly

80.8151, 82.2804, 74.5731

Monochromacy



Original Color

75.4954, 82.7039, 45.7026

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5394, 80.9112, 70.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4954, 82.7039, 45.7026 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(249, 236, 161)` looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 161)  
}
```

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(249, 236, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 161) }
```

Border

The CSS property to change the border of an element to XYZ 75.4954, 82.7039, 45.7026 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(249, 236, 161) }
```


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

```
.border{ border-color:rgb(249, 236, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 236, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 161);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4954, 82.7039, 45.7026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 161) }
```

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

```
.background{ background-color: rgb(249,  
236, 161) }
```

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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