

Converting Colors

XYZ(75.1144, 80.8958, 41.7925)

Have a look what the booklet for
XYZ(75.1144, 80.8958, 41.7925)
contains.

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Color

**XYZ(75.1144, 80.8958,
41.7925)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE899
RGB	253, 232, 153
RGB Percent	99%, 91%, 60%
CMY	0.0078, 0.0902, 0.4000
CMYK	0.00, 0.08, 0.40, 0.01
HSL	47°, 96%, 80%
HSV	47°, 40%, 99%
XYZ	75.1144, 80.8958, 41.7925
YIQ	229.2730, 37.8750, -20.1170

Conversions

Conversions Part 2

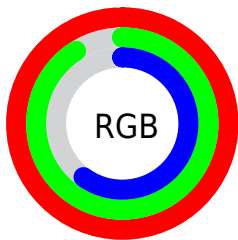
Format	Color
R _Y B	180, 253, 153
Decimal	16640153
CIE Lab	92.09, -3.61, 41.01
CIE LCh	92, 41.165, 95.034
Yxy	80.8958, 0.3797, 0.4090
Android (android.graphics.Color)	4294830233 (0xFFFDE899)
YUV	229.2730, -37.6026, 20.8086
Hunter-Lab	89.9421, -8.3259, 35.4098

Details

The XYZ color **75.1144, 80.8958, 41.7925** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.0022, 44.1349, 99.0227**, and the grayscale version is **74.9277, 78.8298, 85.8457**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **40.5768, 43.9860, 18.6634** is the 20% darker color. If you saturate the color by 10%, you get **71.7705, 77.2048, 31.4389**, and if you desaturate by 10%, it is **78.9506, 84.8618, 54.4977**.

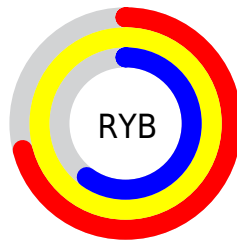
Distribution



Red (99%)

Green (91%)

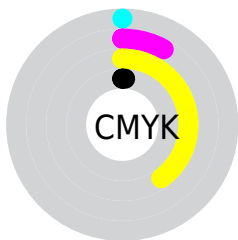
Blue (60%)



Red (71%)

Yellow (99%)

Blue (60%)

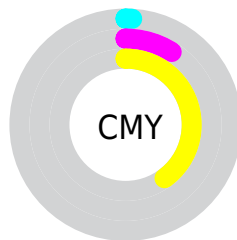


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (1%)



Cyan (1%)


Magenta (9%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1144, 80.8958, 41.7925 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 75.1144, 80.8958, 41.7925 by changing the saturation by 10% instead.


 75.1144, 80.8958,
41.7925


 75.1144, 80.8958,
41.7925


467.3018,
497.9466, 369.3963

 56.0011, 60.4558,
28.6145


 125.4613,
134.6244, 79.1522

 40.4408, 43.7861,
18.5463


 157.4257,
168.6819, 104.1709

 28.0682, 30.5024,
11.1694


194.4045,
208.0472, 133.9737

 18.5178, 20.2202,
6.0653

236.7630,
253.1049, 168.9790

 11.4243, 12.5552,
2.8154

284.8666,
304.2393, 209.6053

 6.4224, 7.1230,
1.0012

339.0807,

 3.1466, 3.5391,

361.8348, 256.2713

0.0000

399.7707,
426.2757, 309.3955

■ 1.2318, 1.4193,
0.0000

■ 0.1312, 0.2309,
0.0000

■ 75.1144, 80.8958,
41.7925

■ 75.1144, 80.8958,
41.7925

■ 71.7705, 77.2048,
31.4389

■ 78.9506, 84.8618,
54.4977

■ 68.8841, 73.7657,
23.2829

■ 83.2992, 89.1028,
69.6853

■ 66.4255, 70.5686,
17.1603

■ 88.1864, 93.6328,
87.4823

■ 64.3582, 67.5985,
12.8813

■ 93.6348, 98.4614,
108.0058

■ 62.6391, 64.8374, 94.3180, 99.6226,
10.2204 108.8657

■ 61.2008, 62.2577,
8.8258

■ 61.1357, 62.1381,
8.7717

Harmonies

Analogous

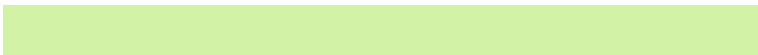
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8163, 80.8958, 45.0548



75.1144, 80.8958, 41.7925



65.7723, 80.8958, 48.4109

Triad

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



75.1144, 80.8958, 41.7925



61.3789, 80.8958, 126.0190



96.8854, 80.8958, 115.0870

Complementary

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



75.1144, 80.8958, 41.7925



46.0022, 44.1349, 99.0227

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.



89.1927, 80.8958, 145.0418



75.1144, 80.8958, 41.7925



68.6034, 80.8958, 152.3021

Square

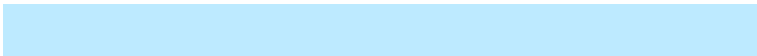
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1144, 80.8958, 41.7925



58.3209, 80.8958, 93.3037



78.6914, 80.8958, 159.9600



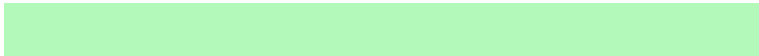
99.0311, 80.8958, 83.0584

Rectangle

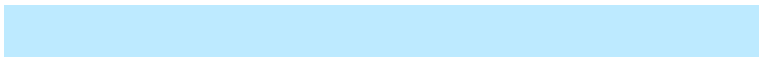
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1144, 80.8958, 41.7925



61.3669, 80.8958, 58.6864



78.6914, 80.8958, 159.9600



94.8300, 80.8958, 125.9465

Sweetspot

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



75.1164, 80.8995, 41.7942



88.4936, 94.1530, 84.3150



59.6049, 46.7480, 46.2687



18.7992, 20.0221, 17.5260



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.



75.1164, 80.8995, 41.7942



73.8757, 79.5175, 34.4318



71.8229, 88.5046, 43.4357



19.2185, 20.4051, 19.0700



32.6314, 33.2740, 4.7027



3.2545, 3.3943, 0.4836

Inverse Universe

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



46.0022, 44.1349, 99.0227



40.6906, 37.6330, 99.7270



48.2560, 39.7394, 98.0555



17.3120, 17.9955, 22.8110



10.1954, 5.3004, 49.9203



1.0672, 0.6651, 4.8854

Previews

White Background



This preview shows how the XYZ color 75.1144, 80.8958, 41.7925 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 75.1144, 80.8958, 41.7925 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 75.1144, 80.8958, 41.7925

Background



This preview shows how black text looks on a background with the XYZ color 75.1144, 80.8958, 41.7925.



This preview shows how white text looks on a background with the XYZ color 75.1144, 80.8958,

41.7925.

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

75.1144, 80.8958, 41.7925

Protanopia

74.7513, 80.7086, 41.7755

Deuteranopia

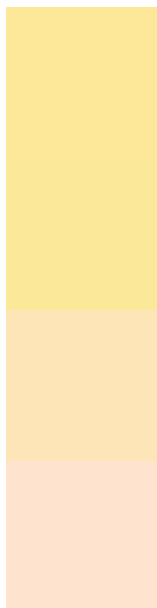
79.5260, 80.9639, 66.6945



Tritanopia

83.1817, 80.6857, 91.3105

Trichromacy



Original Color

75.1144, 80.8958, 41.7925

Protanomaly

74.7513, 80.7086, 41.7755

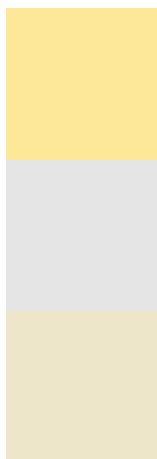
Deuteranomaly

77.5441, 80.5701, 56.8120

Tritanomaly

79.4827, 80.4652, 69.7347

Monochromacy



Original Color

75.1144, 80.8958, 41.7925

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.0993, 78.9878, 66.5991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1144, 80.8958, 41.7925 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(253, 232, 153)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 153)  
}
```

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(253, 232, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 153) }
```

Border

The CSS property to change the border of an element to XYZ 75.1144, 80.8958, 41.7925 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(253, 232, 153) }
```


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

```
.border{ border-color:rgb(253, 232, 153) }
```

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

Here you see how a box with a 4 pixel rgb(253, 232, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 153);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1144, 80.8958, 41.7925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 153) }
```

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

```
.background{ background-color: rgb(253,  
232, 153) }
```

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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