

Converting Colors

XYZ(75.7368, 88.2759, 19.5258)

Have a look what the booklet for XYZ(75.7368, 88.2759, 19.5258) contains.

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Color

**XYZ(75.7368, 88.2759,
19.5258)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF74A
RGB	255, 247, 74
RGB Percent	100%, 97%, 29%
CMY	0.0000, 0.0313, 0.7098
CMYK	0.00, 0.03, 0.71, 0.00
HSL	57°, 100%, 65%
HSV	57°, 71%, 100%
XYZ	75.7368, 88.2759, 19.5258
YIQ	229.6700, 60.3010, -52.1070

Conversions

Conversions Part 2

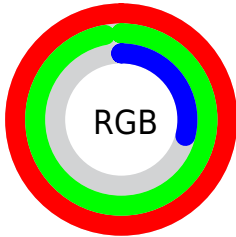
Format	Color
R_{YB}	82, 255, 74
Decimal	16774986
CIE _{Lab}	95.28, -16.10, 79.07
CIE _{LCh}	95, 80.695, 101.506
Yxy	88.2759, 0.4126, 0.4810
Android (android.graphics.Color)	4294965066 (0xFFFFF74A)
YUV	229.6700, -76.7453, 22.2144
Hunter-Lab	93.9553, -20.5339, 53.4470

Details

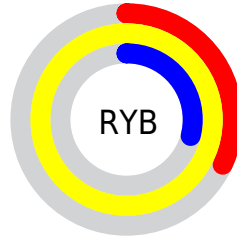
The XYZ color **75.7368, 88.2759, 19.5258** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **23.8917, 14.7105, 96.1874**, and the grayscale version is **75.4902, 79.4216, 86.4901**.

A 20% lighter version of the original color is **81.2336, 94.4735, 36.1440**, and **40.8789, 48.7309, 7.2515** is the 20% darker color. If you saturate the color by 10%, you get **74.7033, 87.3165, 15.7679**, and if you desaturate by 10%, it is **77.1244, 89.3870, 25.1202**.

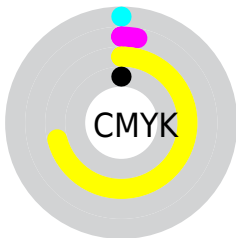
Distribution



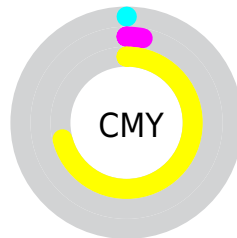
- Red (100%)
- Green (97%)
- Blue (29%)



- Red (32%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (3%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7368, 88.2759, 19.5258 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 75.7368, 88.2759, 19.5258 by changing the saturation by 10% instead.

75.7368, 88.2759,
19.5258

75.7368, 88.2759,
19.5258

469.4045,
522.4063, 261.8551

56.5130, 66.5516,
11.8702

126.3371,
144.9412, 43.4692

40.8530, 48.7203,
6.5339

158.4444,
180.6510, 60.5940

28.3914, 34.3977,
3.0984

195.5768,
221.7914, 81.7123

18.7629, 23.1993,
1.1451

238.0998,
268.7468, 107.2427

11.6020, 14.7407,
0.0000

286.3787,
321.9016, 137.6036

6.5436, 8.6376,
0.0000

340.7789,

3.2221, 4.5056,

381.6402, 173.2136

0.0000

401.6657,
448.3470, 214.4912

■ 1.2723, 1.9602,
0.0000

■ 0.1623, 0.5842,
0.0000

■ 75.7368, 88.2759,
19.5258

■ 75.7368, 88.2759,
19.5258

■ 74.7033, 87.3165,
15.7679

■ 77.1244, 89.3870,
25.1202


■ 73.9727, 86.4782,
13.6041


■ 78.8976, 90.6522,
32.7434


■ 73.5119, 85.8041,
12.6874


■ 81.0910, 92.0889,
42.5694

■ 83.7339, 93.7088,
54.7519

 86.8528, 95.5224,
69.4311

 90.4724, 97.5396,
86.7361

 94.6154, 99.7696,
106.7871

 95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



98.0662, 88.2759, 20.8781



75.7368, 88.2759, 19.5258



58.8524, 88.2759, 30.8965

Triad

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



75.7368, 88.2759, 19.5258



56.0178, 88.2759, 200.9736



130.8128, 88.2759, 139.9494

Complementary

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



75.7368, 88.2759, 19.5258



23.8917, 14.7105, 96.1874

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.



115.2125, 88.2759, 218.5551



75.7368, 88.2759, 19.5258



71.1748, 88.2759, 263.1127

Square

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



75.7368, 88.2759, 19.5258



48.8720, 88.2759, 122.3957



92.6373, 88.2759, 270.6710



132.6173, 88.2759, 73.8985

Rectangle

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



75.7368, 88.2759, 19.5258



51.9174, 88.2759, 49.0915



92.6373, 88.2759, 270.6710



126.8959, 88.2759, 166.3627

Sweetspot

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



75.7388, 88.2800, 19.5276



86.8459, 95.5187, 69.3960



45.2525, 26.7837, 10.9797



18.3938, 20.3335, 13.9313



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.



75.7388, 88.2800, 19.5276



74.3761, 86.9659, 14.7210



54.3521, 80.9614, 19.2422



19.4884, 20.9450, 19.1600



38.4420, 44.8952, 6.6395



3.7634, 4.4122, 0.6533

Inverse Universe

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



23.8917, 14.7105, 96.1874



19.9082, 9.7362, 95.4377



34.1038, 19.1319, 96.5025



17.0673, 17.5063, 22.7295



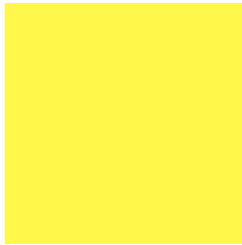
9.5232, 3.9559, 49.6962



0.9489, 0.4284, 4.8460

Previews

White Background



This preview shows how the XYZ color 75.7368, 88.2759, 19.5258 looks on a white background.

Color Contrast Check

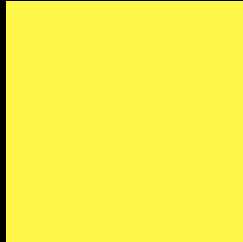
Large Text (above 18pt) WCAG AA × Fail

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 75.7368, 88.2759, 19.5258 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 75.7368, 88.2759, 19.5258

Background



This preview shows how black text looks on a background with the XYZ color 75.7368, 88.2759, 19.5258.



This preview shows how white text looks on a background with the XYZ color 75.7368, 88.2759,

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

75.7368, 88.2759, 19.5258



Protanopia

82.0692, 88.3951, 60.3134



Deuteranopia

85.0248, 88.1603, 80.2455



Tritanopia

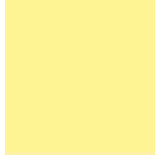
87.7169, 87.8435, 98.7185

Trichromacy



Original Color

75.7368, 88.2759, 19.5258



Protanomaly

78.8571, 88.0680, 40.4464



Deuteranomaly

79.9672, 87.5543, 49.2442



Tritanomaly

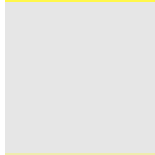
80.9473, 86.9991, 57.3259

Monochromacy



Original Color

75.7368, 88.2759, 19.5258



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.1349, 81.3588, 51.3844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7368, 88.2759, 19.5258 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, 247, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 74)  
}
```

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, 247, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 74) }
```

Border

The CSS property to change the border of an element to XYZ 75.7368, 88.2759, 19.5258 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, 247, 74) }
```


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

```
.border{ border-color:rgb(255, 247, 74) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7368, 88.2759, 19.5258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 74) }
```

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

```
.background{ background-color: rgb(255,  
247, 74) }
```

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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