

Converting Colors

XYZ(74.1367, 85.0933, 18.9380)

Have a look what the booklet for
XYZ(74.1367, 85.0933, 18.9380)
contains.

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Color

**XYZ(74.2282, 85.2587,
19.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF24A
RGB	255, 242, 74
RGB Percent	100%, 95%, 29%
CMY	0.0000, 0.0510, 0.7098
CMYK	0.00, 0.05, 0.71, 0.00
HSL	56°, 100%, 65%
HSV	56°, 71%, 100%
XYZ	74.2282, 85.2587, 19.0229
YIQ	226.7350, 61.6760, -49.4920

Conversions

Conversions Part 2

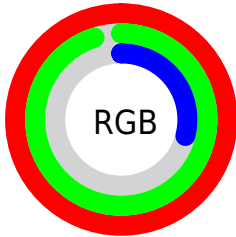
Format	Color
R_{YB}	88, 255, 74
Decimal	16773706
CIE _{Lab}	93.99, -13.67, 77.84
CIE _{LCh}	94, 79.029, 99.958
Yxy	85.2587, 0.4158, 0.4776
Android (android.graphics.Color)	4294963786 (0xFFFFF24A)
YUV	226.7350, -75.2984, 24.7884
Hunter-Lab	92.3356, -18.0920, 52.4201

Details

The XYZ color **74.2282, 85.2587, 19.0229** 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 **24.2825, 15.4922, 96.3177**, and the grayscale version is **73.3218, 77.1402, 84.0057**.

A 20% lighter version of the original color is **81.1649, 94.4459, 35.7818**, and **39.8070, 46.5871, 6.8942** is the 20% darker color. If you saturate the color by 10%, you get **72.9958, 83.9015, 15.1987**, and if you desaturate by 10%, it is **75.8179, 86.7740, 24.6846**.

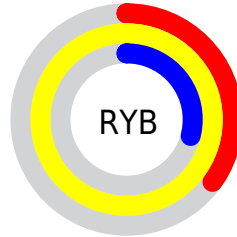
Distribution



Red (100%)

Green (95%)

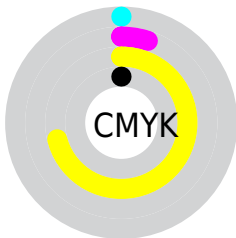
Blue (29%)



Red (35%)

Yellow (100%)

Blue (29%)

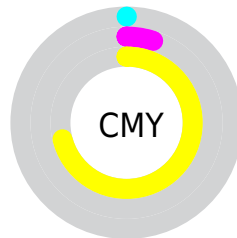


Cyan (0%)

Magenta (5%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2282, 85.2587, 19.0229 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 74.2282, 85.2587, 19.0229 by changing the saturation by 10% instead.


 74.2282, 85.2587,
19.0229


 74.2282, 85.2587,
19.0229


464.2987,
512.4837, 259.0021


 55.2728, 64.0552,
11.5098


 124.2130,
140.7346, 42.6100


 39.8549, 46.6954,
6.2924


 155.9731,
175.7757, 59.5211


 27.6091, 32.7949,
2.9520


 192.7321,
216.1981, 80.4020

 18.1702, 21.9694,
1.0702

 234.8555,
262.3862, 105.6713

 11.1726, 13.8344,
0.0000

 282.7084,
314.7245, 135.7473

 6.2512, 8.0056,
0.0000

336.6564,

 3.0405, 4.0985,

373.5972, 171.0488

0.0000

397.0647,
439.3888, 211.9942

■ 1.1752, 1.7288,
0.0000

■ 0.0867, 0.4422,
0.0000

■ 74.2282, 85.2587,
19.0229

■ 74.2282, 85.2587,
19.0229

■ 72.9958, 83.9015,
15.1987

■ 75.8179, 86.7740,
24.6846

■ 72.0698, 82.6724,
12.9698

■ 77.7966, 88.4503,
32.3763

■ 71.4355, 81.6514,
11.9952

■ 80.1990, 90.3050,
42.2718

■ 83.0542, 92.3495,
54.5251

86.3890, 94.5947,
69.2762

90.2277, 97.0504,
86.6542

94.5934, 99.7257,
106.7794

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.



95.7318, 85.2587, 20.9176



74.2282, 85.2587, 19.0229



57.6973, 85.2587, 29.2639

Triad

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



74.2282, 85.2587, 19.0229



53.7740, 85.2587, 189.0936



125.3777, 85.2587, 138.5554

Complementary

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



74.2282, 85.2587, 19.0229



24.2825, 15.4922, 96.3177

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.



109.9465, 85.2587, 213.2308



74.2282, 85.2587, 19.0229



67.9266, 85.2587, 250.1123

Square

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



74.2282, 85.2587, 19.0229



47.3173, 85.2587, 114.3828



88.2475, 85.2587, 260.4745



127.8599, 85.2587, 74.1743

Rectangle

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



74.2282, 85.2587, 19.0229



50.7748, 85.2587, 46.0096



88.2475, 85.2587, 260.4745



121.4205, 85.2587, 163.8973

Sweetspot

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



74.2302, 85.2627, 19.0246



86.3816, 94.5901, 69.2412



45.4958, 26.8810, 12.2614



18.2816, 20.1091, 13.8939



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.



74.2302, 85.2627, 19.0246



72.5896, 83.3930, 14.1255



55.7220, 81.6677, 19.3062



19.4430, 20.8543, 19.1449



37.3741, 42.7594, 6.2836



3.6710, 4.2274, 0.6225

Inverse Universe

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



24.2825, 15.4922, 96.3177



20.1689, 10.2575, 95.5246



32.9703, 18.5475, 96.4495



17.1077, 17.5870, 22.7429



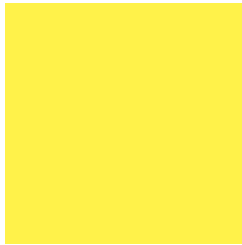
9.5849, 4.0794, 49.7168



0.9680, 0.4667, 4.8523

Previews

White Background



This preview shows how the XYZ color 74.2282, 85.2587, 19.0229 looks on a white background.

Color Contrast Check

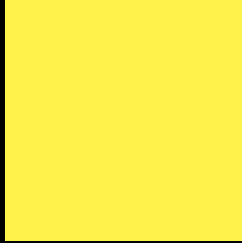
Large Text (above 18pt) WCAG AA × Fail

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 74.2282, 85.2587, 19.0229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

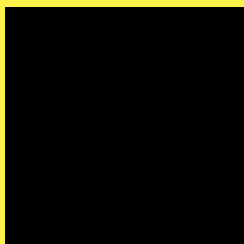
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2282, 85.2587, 19.0229

Background



This preview shows how black text looks on a background with the XYZ color 74.2282, 85.2587, 19.0229.

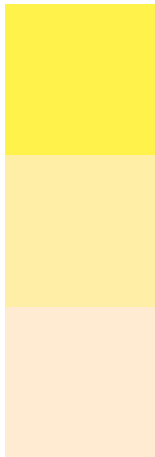


This preview shows how white text looks on a background with the XYZ color 74.2282, 85.2587,

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

74.2282, 85.2587, 19.0229

Protanopia

78.6975, 85.1622, 48.3665

Deuteranopia

82.5812, 85.3298, 73.0906



Tritanopia

85.9738, 85.3241, 95.1570

Trichromacy



Original Color

74.2282, 85.2587, 19.0229



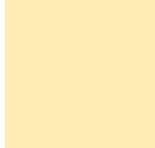
Protanomaly

76.3401, 84.6865, 34.5129



Deuteranomaly

78.2476, 84.9823, 45.9973



Tritanomaly

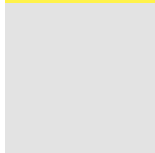
79.4737, 84.5462, 55.3104

Monochromacy



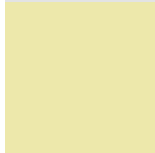
Original Color

74.2282, 85.2587, 19.0229



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

71.1324, 78.6580, 49.9615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2282, 85.2587, 19.0229 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, 242, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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, 242, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 74) }
```

Border

The CSS property to change the border of an element to XYZ 74.2282, 85.2587, 19.0229 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, 242, 74) }
```


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

```
.border{ border-color:rgb(255, 242, 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, 242, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2282, 85.2587, 19.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 74) }
```

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

```
.background{ background-color: rgb(255,  
242, 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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