

Converting Colors

XYZ(74.3049, 83.2271, 25.7850)

Have a look what the booklet for
XYZ(74.3049, 83.2271, 25.7850)
contains.

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Color

**XYZ(74.4161, 83.4497,
25.8209)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEE6A
RGB	255, 238, 106
RGB Percent	100%, 93%, 42%
CMY	0.0000, 0.0666, 0.5843
CMYK	0.00, 0.07, 0.58, 0.00
HSL	53°, 100%, 71%
HSV	53°, 58%, 100%
XYZ	74.4161, 83.4497, 25.8209
YIQ	228.0350, 52.5040, -37.4480

Conversions

Conversions Part 2

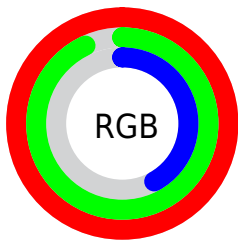
Format	Color
R_{YB}	125, 255, 106
Decimal	16772714
CIE _{Lab}	93.21, -9.90, 64.50
CIE _{LCh}	93, 65.256, 98.727
Yxy	83.4497, 0.4051, 0.4543
Android (android.graphics.Color)	4294962794 (0xFFFFEE6A)
YUV	228.0350, -60.1633, 23.6483
Hunter-Lab	91.3508, -14.4544, 47.1869

Details

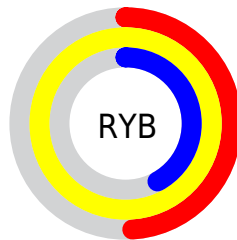
The XYZ color **74.4161, 83.4497, 25.8209** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **31.0768, 24.4494, 97.6887**, and the grayscale version is **74.1699, 78.0325, 84.9774**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **39.8093, 45.2883, 9.6609** is the 20% darker color. If you saturate the color by 10%, you get **72.4430, 81.3197, 19.5655**, and if you desaturate by 10%, it is **76.8010, 85.7726, 34.1601**.

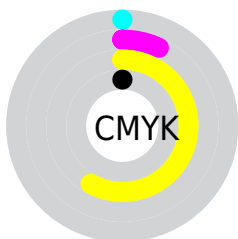
Distribution



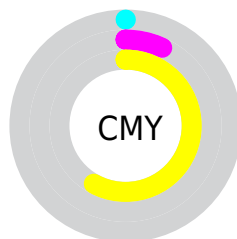
- Red (100%)
- Green (93%)
- Blue (42%)



- Red (49%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4161, 83.4497, 25.8209 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 74.4161, 83.4497, 25.8209 by changing the saturation by 10% instead.


 74.4161, 83.4497,
25.8209

 74.4161, 83.4497,
25.8209


464.9364,
506.4840, 295.4792


 55.4272, 62.5612,
16.4651

 124.4778,
138.2051, 53.9664


 39.9790, 45.4863,
9.6960


 156.2813,
172.8408, 73.5932

 27.7063, 31.8407,
5.0949


 193.0870,
212.8278, 97.4808

 18.2437, 21.2398,
2.2433

 235.2603,
258.5503, 126.0477

 11.2259, 13.2994,
0.6992

283.1665,
310.3927, 159.7125

 6.2874, 7.6350,
0.0000

337.1711,

 3.0629, 3.8623,

368.7396, 198.8936

0.0000

397.6392,
433.9752, 244.0097

■ 1.1871, 1.5968,
0.0000

■ 0.0962, 0.3555,
0.0000

■ 74.4161, 83.4497,
25.8209

■ 74.4161, 83.4497,
25.8209

■ 72.4430, 81.3197,
19.5655

■ 76.8010, 85.7726,
34.1601

■ 70.8397, 79.3562,
15.1985


■ 79.6235, 88.2894,
44.7449


■ 69.5653, 77.5460,
12.4967

■ 82.9142, 91.0156,
57.7271

■ 68.5599, 75.8649,
11.1449

■ 86.6992, 93.9617,
73.2437

 68.4137, 75.6076,
10.9879

 91.0026, 97.1374,
91.4215

95.0498, 99.9999,
108.9000

Harmonies

Analogous

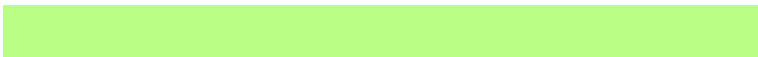
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8960, 83.4497, 28.1999



74.4161, 83.4497, 25.8209



60.4181, 83.4497, 35.2939

Triad

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



74.4161, 83.4497, 25.8209



56.2657, 83.4497, 163.7033



114.1964, 83.4497, 129.6270

Complementary

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



74.4161, 83.4497, 25.8209



31.0768, 24.4494, 97.6887

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.



101.7942, 83.4497, 186.2823



74.4161, 83.4497, 25.8209



67.9406, 83.4497, 210.3849

Square

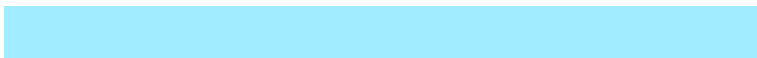
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4161, 83.4497, 25.8209



50.9759, 83.4497, 105.9630



84.4273, 83.4497, 219.8756



116.5918, 83.4497, 77.2695

Rectangle

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



74.4161, 83.4497, 25.8209



54.3318, 83.4497, 50.1159



84.4273, 83.4497, 219.8756



110.9819, 83.4497, 149.2545

Sweetspot

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



74.4181, 83.4536, 25.8226



86.8737, 94.0937, 73.9697



49.9937, 33.0085, 22.6024



18.3462, 19.9508, 14.8014



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.



74.4181, 83.4536, 25.8226



72.1680, 81.0008, 18.7600



61.6199, 84.5505, 26.7089



19.3739, 20.7160, 19.1218



35.8184, 39.6480, 5.7650



3.5356, 3.9567, 0.5774

Inverse Universe

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



31.0768, 24.4494, 97.6887



25.3319, 17.3002, 96.6119



38.3330, 25.3279, 97.4758



17.1698, 17.7112, 22.7636



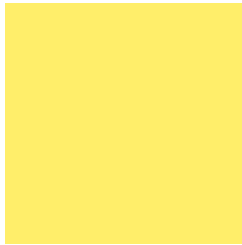
9.7148, 4.3393, 49.7601



0.9972, 0.5252, 4.8621

Previews

White Background



This preview shows how the XYZ color 74.4161, 83.4497, 25.8209 looks on a white background.

Color Contrast Check

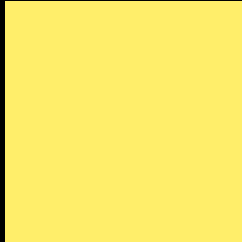
Large Text (above 18pt) WCAG AA × Fail

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 74.4161, 83.4497, 25.8209 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 74.4161, 83.4497, 25.8209

Background



This preview shows how black text looks on a background with the XYZ color 74.4161, 83.4497, 25.8209.



This preview shows how white text looks on a background with the XYZ color 74.4161, 83.4497,

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

74.4161, 83.4497, 25.8209

Protanopia

76.9852, 83.5508, 42.2064

Deuteranopia

81.1161, 83.3810, 69.5765



Tritanopia

84.8393, 83.5306, 93.3129

Trichromacy



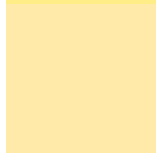
Original Color

74.4161, 83.4497, 25.8209



Protanomaly

75.9681, 83.6059, 35.4262



Deuteranomaly

77.8243, 82.9702, 49.4492



Tritanomaly

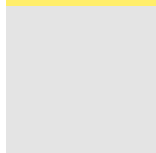
79.5006, 82.7348, 61.0695

Monochromacy



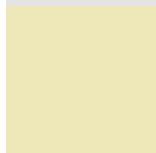
Original Color

74.4161, 83.4497, 25.8209



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

72.7682, 79.3511, 56.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4161, 83.4497, 25.8209 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, 238, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 106)  
}
```

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, 238, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 106) }
```

Border

The CSS property to change the border of an element to XYZ 74.4161, 83.4497, 25.8209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

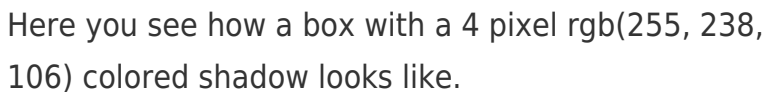
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 238, 106) }
```


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

```
.border{ border-color:rgb(255, 238, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 238, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 238, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 238, 106); box-shadow:4px 4px 4px 4px rgb(255, 238, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4161, 83.4497, 25.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 106) }
```

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

```
.background{ background-color: rgb(255,  
238, 106) }
```

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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