

Converting Colors

XYZ(75.3491, 85.2321, 26.3900)

Have a look what the booklet for
XYZ(75.3491, 85.2321, 26.3900)
contains.

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Color

**XYZ(75.3491, 85.2321,
26.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF16B
RGB	255, 241, 107
RGB Percent	100%, 95%, 42%
CMY	0.0000, 0.0549, 0.5804
CMYK	0.00, 0.05, 0.58, 0.00
HSL	54°, 100%, 71%
HSV	54°, 58%, 100%
XYZ	75.3491, 85.2321, 26.3900
YIQ	229.9100, 51.3580, -38.7060

Conversions

Conversions Part 2

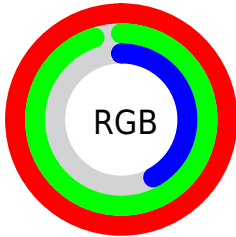
Format	Color
R_{YB}	122, 255, 107
Decimal	16773483
CIE _{Lab}	93.98, -11.31, 64.93
CIE _{LCh}	94, 65.907, 99.882
Yxy	85.2321, 0.4030, 0.4559
Android (android.graphics.Color)	4294963563 (0xFFFFF16B)
YUV	229.9100, -60.5946, 22.0039
Hunter-Lab	92.3212, -15.8772, 47.6768

Details

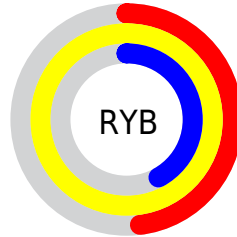
The XYZ color **75.3491, 85.2321, 26.3900** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **30.9507, 24.0199, 97.6122**, and the grayscale version is **75.5567, 79.4915, 86.5663**.

A 20% lighter version of the original color is **83.5216, 95.3886, 48.1922**, and **40.4522, 46.5390, 9.9828** is the 20% darker color. If you saturate the color by 10%, you get **73.4922, 83.3581, 20.1003**, and if you desaturate by 10%, it is **77.6149, 87.2911, 34.7691**.

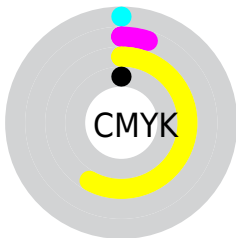
Distribution



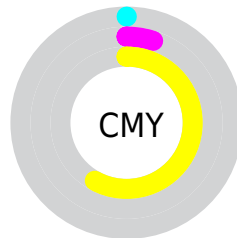
- Red (100%)
- Green (95%)
- Blue (42%)



- Red (48%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3491, 85.2321, 26.3900 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 75.3491, 85.2321, 26.3900 by changing the saturation by 10% instead.


 75.3491, 85.2321,
26.3900

 75.3491, 85.2321,
26.3900


468.0953,
512.3958, 298.3575

 56.1941, 64.0332,
16.8873


 125.7917,
140.6974, 54.8952


 40.5962, 46.6775,
9.9930


 157.8100,
175.7326, 74.7348

 28.1900, 32.7808,
5.2888


 194.8468,
216.1486, 98.8570

 18.6101, 21.9586,
2.3560

 237.2674,
262.3299, 127.6805

 11.4912, 13.8265,
0.7623

285.4372,
314.6609, 161.6238

 6.4680, 8.0001,
0.0000

339.7215,

 3.1750, 4.0950,

373.5260, 201.1053

0.0000

400.4858,
439.3094, 246.5437

■ 1.2470, 1.7268,
0.0000

■ 0.1430, 0.4409,
0.0000

■ 75.3491, 85.2321,
26.3900

■ 75.3491, 85.2321,
26.3900

■ 73.4922, 83.3581,
20.1003

■ 77.6149, 87.2911,
34.7691

■ 72.0024, 81.6428,
15.7056


■ 80.3153, 89.5360,
45.3985


■ 70.8391, 80.0732,
12.9844

■ 83.4807, 91.9820,
58.4295

■ 69.9448, 78.6260,
11.6336

■ 87.1370, 94.6398,
73.9986

 69.7848, 78.3500,
11.4450

 91.3082, 97.5188,
92.2322

95.0498, 99.9999,
108.9000

Harmonies

Analogous

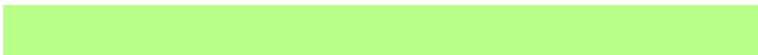
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1963, 85.2321, 28.3697



75.3491, 85.2321, 26.3900



61.2196, 85.2321, 36.5929

Triad

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



75.3491, 85.2321, 26.3900



57.7509, 85.2321, 169.7048



117.0583, 85.2321, 130.2228

Complementary

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



75.3491, 85.2321, 26.3900



30.9507, 24.0199, 97.6122

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.



104.6641, 85.2321, 188.6214



75.3491, 85.2321, 26.3900



69.9362, 85.2321, 216.5427

Square

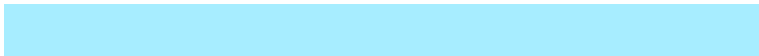
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3491, 85.2321, 26.3900



52.0753, 85.2321, 110.4206



86.9487, 85.2321, 224.4986



119.0637, 85.2321, 77.1671

Rectangle

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



75.3491, 85.2321, 26.3900



55.1583, 85.2321, 52.2244



86.9487, 85.2321, 224.4986



113.8920, 85.2321, 150.3178

Sweetspot

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



75.3511, 85.2361, 26.3917



87.5459, 94.9286, 75.7650



49.9985, 33.1763, 22.1170



18.5702, 20.1996, 15.4905



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.



75.3511, 85.2361, 26.3917



73.1724, 83.0096, 19.0948



61.1271, 84.2903, 26.9589



19.4058, 20.7797, 19.1324



36.5245, 41.0603, 6.0004



3.5972, 4.0798, 0.5979

Inverse Universe

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



30.9507, 24.0199, 97.6122



25.0179, 16.6721, 96.5072



39.0763, 25.8650, 97.5401



17.1411, 17.6538, 22.7540



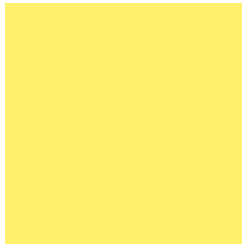
9.6492, 4.2079, 49.7382



0.9837, 0.4982, 4.8576

Previews

White Background



This preview shows how the XYZ color 75.3491, 85.2321, 26.3900 looks on a white background.

Color Contrast Check

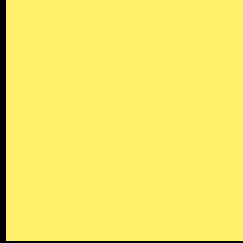
Large Text (above 18pt) WCAG AA × Fail

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 75.3491, 85.2321, 26.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

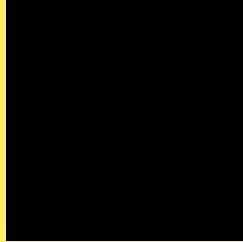
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3491, 85.2321, 26.3900

Background



This preview shows how black text looks on a background with the XYZ color 75.3491, 85.2321, 26.3900.



This preview shows how white text looks on a background with the XYZ color 75.3491, 85.2321,

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

75.3491, 85.2321, 26.3900

Protanopia

78.8824, 85.2362, 49.3405

Deuteranopia

82.4207, 84.8088, 73.6537



Tritanopia

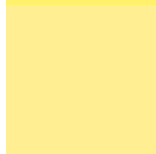
85.9738, 85.3241, 95.1570

Trichromacy



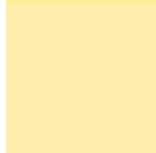
Original Color

75.3491, 85.2321, 26.3900



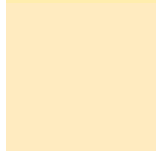
Protanomaly

77.2948, 85.0683, 39.5401



Deuteranomaly

79.0670, 84.8455, 51.7447



Tritanomaly

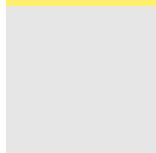
80.4628, 84.4824, 61.9351

Monochromacy



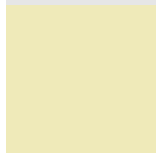
Original Color

75.3491, 85.2321, 26.3900



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.7764, 80.6991, 57.5870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3491, 85.2321, 26.3900 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, 241, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 107)  
}
```

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, 241, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 107) }
```

Border

The CSS property to change the border of an element to XYZ 75.3491, 85.2321, 26.3900 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, 241, 107) }
```


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

```
.border{ border-color:rgb(255, 241, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3491, 85.2321, 26.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 107) }
```

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

```
.background{ background-color: rgb(255,  
241, 107) }
```

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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