

Converting Colors

XYZ(75.7579, 86.0412, 26.5523)

Have a look what the booklet for
XYZ(75.7579, 86.0412, 26.5523)
contains.

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Color

**XYZ(75.6460, 85.8258,
26.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF26B
RGB	255, 242, 107
RGB Percent	100%, 95%, 42%
CMY	0.0000, 0.0510, 0.5804
CMYK	0.00, 0.05, 0.58, 0.00
HSL	55°, 100%, 71%
HSV	55°, 58%, 100%
XYZ	75.6460, 85.8258, 26.4890
YIQ	230.4970, 51.0830, -39.2290

Conversions

Conversions Part 2

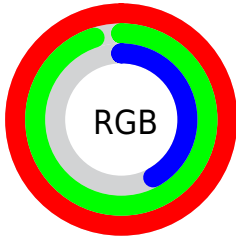
Format	Color
RYB	121, 255, 107
Decimal	16773739
CIELab	94.24, -11.80, 65.21
CIELCh	94, 66.272, 100.259
Yxy	85.8258, 0.4025, 0.4566
Android (android.graphics.Color)	4294963819 (0xFFFFFFFF26B)
YUV	230.4970, -60.8840, 21.4891
Hunter-Lab	92.6422, -16.3716, 47.8969

Details

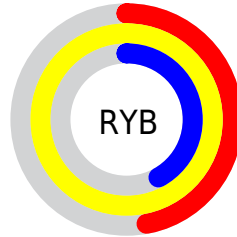
The XYZ color **75.6460, 85.8258, 26.4890** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **30.8299, 23.7782, 97.5721**, and the grayscale version is **75.9951, 79.9528, 87.0686**.

A 20% lighter version of the original color is **83.5216, 95.3886, 48.1922**, and **40.6621, 46.9589, 10.0528** is the 20% darker color. If you saturate the color by 10%, you get **73.8359, 84.0453, 20.2148**, and if you desaturate by 10%, it is **77.8639, 87.7889, 34.8521**.

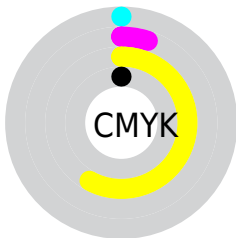
Distribution



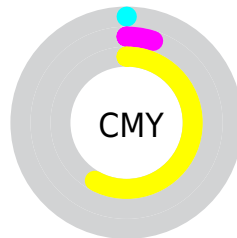
- Red (100%)
- Green (95%)
- Blue (42%)



- Red (47%)
- 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 75.6460, 85.8258, 26.4890 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 75.6460, 85.8258, 26.4890 by changing the saturation by 10% instead.


 75.6460, 85.8258,
26.4890

 75.6460, 85.8258,
26.4890


469.0981,
514.3566, 298.8559

 56.4383, 64.5239,
16.9608


 126.2094,
141.5264, 55.0565


 40.7928, 47.0752,
10.0449


 158.2958,
176.6939, 74.9329

 28.3442, 33.0951,
5.3227

 195.4059,
217.2520, 99.0957

 18.7271, 22.1993,
2.3758

 237.9050,
263.5852, 127.9636

 11.5761, 14.0034,
0.7732

286.1583,
316.0779, 161.9550

 6.5258, 8.1230,
0.0000

340.5314,

 3.2111, 4.1738,

375.1145, 201.4885

0.0000

401.3895,
441.0792, 246.9826

■ 1.2663, 1.7712,
0.0000

■ 0.1578, 0.4692,
0.0000

■ 75.6460, 85.8258,
26.4890

■ 75.6460, 85.8258,
26.4890

■ 73.8359, 84.0453,
20.2148

■ 77.8639, 87.7889,
34.8521

■ 72.3914, 82.4208,
15.8353


■ 80.5149, 89.9351,
45.4651


■ 71.2723, 80.9395,
13.1288

■ 83.6297, 92.2800,
58.4793

■ 70.4209, 79.5781,
11.7922

■ 87.2341, 94.8339,
74.0311

 70.2692, 79.3187,
11.6065

 91.3521, 97.6064,
92.2471

95.0498, 99.9999,
108.9000

Harmonies

Analogous

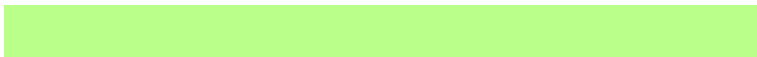
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6556, 85.8258, 28.3351



75.6460, 85.8258, 26.4890



61.4457, 85.8258, 36.9409

Triad

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



75.6460, 85.8258, 26.4890



58.2014, 85.8258, 171.9240



118.1028, 85.8258, 130.5094

Complementary

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



75.6460, 85.8258, 26.4890



30.8299, 23.7782, 97.5721

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.



105.6801, 85.8258, 189.6581



75.6460, 85.8258, 26.4890



70.5804, 85.8258, 218.9548

Square

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



75.6460, 85.8258, 26.4890



52.3870, 85.8258, 111.9617



87.8057, 85.8258, 226.4164



119.9817, 85.8258, 77.0997

Rectangle

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



75.6460, 85.8258, 26.4890



55.3829, 85.8258, 52.8608



87.8057, 85.8258, 226.4164



114.9446, 85.8258, 150.8150

Sweetspot

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



75.6480, 85.8298, 26.4908



87.6374, 95.1116, 75.7955



49.9986, 33.1764, 22.1171



18.5921, 20.2433, 15.4978



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.



75.6480, 85.8298, 26.4908



73.5249, 83.7147, 19.2123



61.1272, 84.2905, 26.9590



19.4168, 20.8018, 19.1361



36.7738, 41.5589, 6.0835



3.6189, 4.1232, 0.6051

Inverse Universe

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



30.8299, 23.7782, 97.5721



24.9123, 16.4610, 96.4720



39.0764, 25.8651, 97.5403



17.1312, 17.6340, 22.7507



9.6287, 4.1670, 49.7314



0.9791, 0.4888, 4.8560

Previews

White Background



This preview shows how the XYZ color 75.6460, 85.8258, 26.4890 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 75.6460, 85.8258, 26.4890 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 75.6460, 85.8258, 26.4890

Background



This preview shows how black text looks on a background with the XYZ color 75.6460, 85.8258, 26.4890.

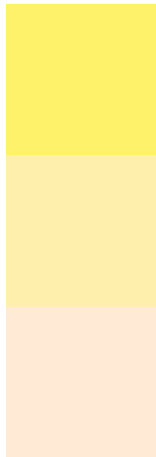


This preview shows how white text looks on a background with the XYZ color 75.6460, 85.8258,

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

75.6460, 85.8258, 26.4890

Protanopia

79.5529, 85.9716, 51.4310

Deuteranopia

82.9586, 85.4808, 75.0778



Tritanopia

86.4059, 85.9486, 96.0401

Trichromacy



Original Color

75.6460, 85.8258, 26.4890



Protanomaly

77.7454, 85.7183, 40.4646



Deuteranomaly

79.4545, 85.4651, 52.3531



Tritanomaly

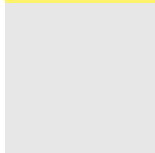
80.8611, 85.1012, 62.6164

Monochromacy



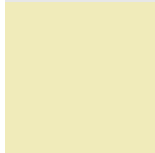
Original Color

75.6460, 85.8258, 26.4890



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.5064, 81.4871, 58.2560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6460, 85.8258, 26.4890 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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, 242, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 107) }
```

Border

The CSS property to change the border of an element to XYZ 75.6460, 85.8258, 26.4890 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, 107) }
```


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

```
.border{ border-color:rgb(255, 242, 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, 242, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 242, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 242, 107); box-shadow:4px 4px 4px 4px rgb(255, 242, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6460, 85.8258, 26.4890 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, 107) }
```

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

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