

Converting Colors

XYZ(75.5936, 85.8049, 26.2135)

Have a look what the booklet for
XYZ(75.5936, 85.8049, 26.2135)
contains.

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Color

**XYZ(75.5936, 85.8049,
26.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF26A
RGB	255, 242, 106
RGB Percent	100%, 95%, 42%
CMY	0.0000, 0.0510, 0.5843
CMYK	0.00, 0.05, 0.58, 0.00
HSL	55°, 100%, 71%
HSV	55°, 58%, 100%
XYZ	75.5936, 85.8049, 26.2135
YIQ	230.3830, 51.4040, -39.5400

Conversions

Conversions Part 2

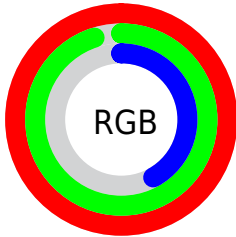
Format	Color
R _Y B	120, 255, 106
Decimal	16773738
CIE Lab	94.23, -11.87, 65.63
CIE LCh	94, 66.696, 100.252
Yxy	85.8049, 0.4029, 0.4574
Android (android.graphics.Color)	4294963818 (0xFFFFF26A)
YUV	230.3830, -61.3208, 21.5891
Hunter-Lab	92.6309, -16.4351, 48.0633

Details

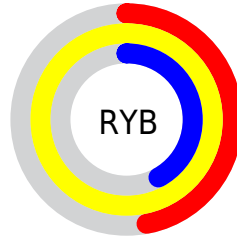
The XYZ color **75.5936, 85.8049, 26.2135** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **30.5906, 23.4772, 97.5263**, and the grayscale version is **75.9133, 79.8667, 86.9748**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **40.6403, 46.9502, 9.9379** is the 20% darker color. If you saturate the color by 10%, you get **73.8027, 84.0392, 20.0188**, and if you desaturate by 10%, it is **77.7908, 87.7524, 34.4902**.

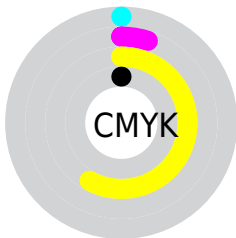
Distribution



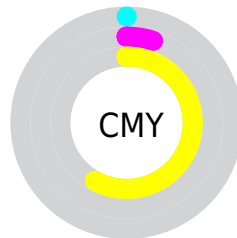
- Red (100%)
- Green (95%)
- Blue (42%)



- 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 75.5936, 85.8049, 26.2135 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 75.5936, 85.8049, 26.2135 by changing the saturation by 10% instead.


 75.5936, 85.8049,
26.2135


 75.5936, 85.8049,
26.2135


468.9212,
514.2877, 297.4673


 56.3952, 64.5067,
16.7562


 126.1357,
141.4972, 54.6075


 40.7581, 47.0612,
9.9007


 158.2101,
176.6600, 74.3813

 28.3170, 33.0840,
5.2284


 195.3072,
217.2132, 98.4310

 18.7064, 22.1908,
2.3208

 237.7925,
263.5411, 127.1752

 11.5611, 13.9972,
0.7429

286.0311,
316.0281, 161.0324

 6.5156, 8.1187,
0.0000

340.3885,

 3.2047, 4.1710,

375.0586, 200.4211

0.0000

401.2301,
441.0170, 245.7599

■ 1.2629, 1.7697,
0.0000

■ 0.1552, 0.4682,
0.0000

■ 75.5936, 85.8049,
26.2135

■ 75.5936, 85.8049,
26.2135

■ 73.8027, 84.0392,
20.0188

■ 77.7908, 87.7524,
34.4902

■ 72.3759, 82.4287,
15.7107


■ 80.4199, 89.8824,
45.0105


■ 71.2724, 80.9604,
13.0658

■ 83.5115, 92.2104,
57.9263

■ 70.4324, 79.6102,
11.7691

■ 87.0917, 94.7468,
73.3747

 70.3117, 79.4038,
11.6206

 91.1845, 97.5013,
91.4823

95.0497, 99.9998,
108.9000

Harmonies

Analogous

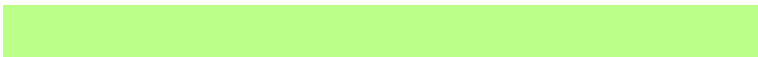
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7186, 85.8049, 28.0615



75.5936, 85.8049, 26.2135



61.3148, 85.8049, 36.6682

Triad

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



75.5936, 85.8049, 26.2135



58.0505, 85.8049, 172.4856



118.3392, 85.8049, 130.7580

Complementary

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



75.5936, 85.8049, 26.2135



30.5906, 23.4772, 97.5263

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.



105.8210, 85.8049, 190.3995



75.5936, 85.8049, 26.2135



70.4922, 85.8049, 219.9492

Square

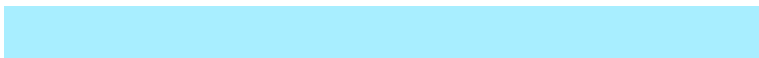
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5936, 85.8049, 26.2135



52.2118, 85.8049, 112.0499



87.8218, 85.8049, 227.4918



120.2352, 85.8049, 76.9910

Rectangle

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



75.5936, 85.8049, 26.2135



55.2225, 85.8049, 52.6268



87.8218, 85.8049, 227.4918



115.1560, 85.8049, 151.2241

Sweetspot

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



75.5956, 85.8089, 26.2153



87.2574, 94.8612, 74.0976



49.8394, 32.9469, 21.7907



18.4412, 20.1409, 14.8331



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.



75.5956, 85.8089, 26.2153



73.5559, 83.7767, 19.2227



60.9710, 84.2158, 26.6786



19.4178, 20.8038, 19.1364



36.7958, 41.6028, 6.0908



3.6208, 4.1270, 0.6058

Inverse Universe

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



30.5906, 23.4772, 97.5263



24.9032, 16.4426, 96.4689



38.8469, 25.5929, 97.4995



17.1303, 17.6322, 22.7504



9.6270, 4.1636, 49.7308



0.9787, 0.4880, 4.8559

Previews

White Background



This preview shows how the XYZ color 75.5936, 85.8049, 26.2135 looks on a white background.

Color Contrast Check

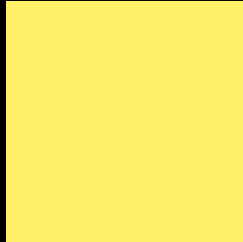
Large Text (above 18pt) WCAG AA × Fail

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 75.5936, 85.8049, 26.2135 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 75.5936, 85.8049, 26.2135

Background



This preview shows how black text looks on a background with the XYZ color 75.5936, 85.8049, 26.2135.

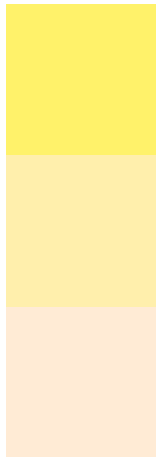


This preview shows how white text looks on a background with the XYZ color 75.5936, 85.8049,

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

75.5936, 85.8049, 26.2135

Protanopia

79.5529, 85.9716, 51.4310

Deuteranopia

82.9586, 85.4808, 75.0778



Tritanopia

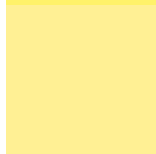
86.1236, 85.3840, 95.9460

Trichromacy



Original Color

75.5936, 85.8049, 26.2135



Protanomaly

77.7454, 85.7183, 40.4646



Deuteranomaly

79.4545, 85.4651, 52.3531



Tritanomaly

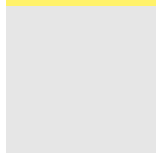
80.8611, 85.1012, 62.6164

Monochromacy



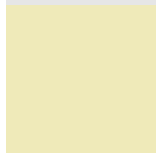
Original Color

75.5936, 85.8049, 26.2135



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 75.5936, 85.8049, 26.2135 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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, 242, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 106) }
```

Border

The CSS property to change the border of an element to XYZ 75.5936, 85.8049, 26.2135 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, 106) }
```


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

```
.border{ border-color:rgb(255, 242, 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, 242, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5936, 85.8049, 26.2135 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, 106) }
```

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

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