

Converting Colors

XYZ(71.2366, 86.0096, 17.1646)

Have a look what the booklet for
XYZ(71.2366, 86.0096, 17.1646)
contains.

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Color

**XYZ(71.3846, 86.0809,
17.1279)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F73C
RGB	244, 247, 60
RGB Percent	96%, 97%, 24%
CMY	0.0431, 0.0313, 0.7647
CMYK	0.01, 0.00, 0.76, 0.03
HSL	61°, 92%, 60%
HSV	61°, 76%, 97%
XYZ	71.3846, 86.0809, 17.1279
YIQ	224.7850, 58.2390, -58.7930

Conversions

Conversions Part 2

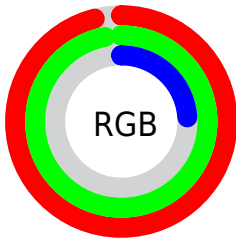
Format	Color
RYB	60, 247, 63
Decimal	16054076
CIELab	94.35, -21.14, 82.29
CIELCh	94, 84.962, 104.409
Yxy	86.0809, 0.4089, 0.4930
Android (android.graphics.Color)	4294244156 (0xFFFF4F73C)
YUV	224.7850, -81.2390, 16.8516
Hunter-Lab	92.7798, -25.0271, 54.0004

Details

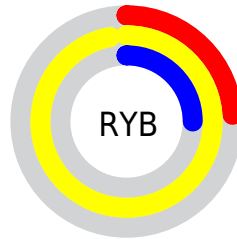
The XYZ color **71.3846, 86.0809, 17.1279** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **20.4567, 11.0057, 89.0472**, and the grayscale version is **71.9519, 75.6990, 82.4362**.

A 20% lighter version of the original color is **80.5129, 94.1851, 32.3484**, and **38.3980, 47.4520, 7.1354** is the 20% darker color. If you saturate the color by 10%, you get **70.7410, 85.8108, 14.4488**, and if you desaturate by 10%, it is **72.3369, 86.4810, 21.4137**.

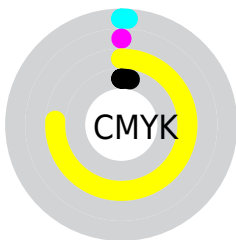
Distribution



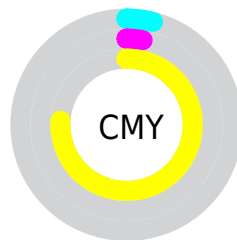
- Red (96%)
- Green (97%)
- Blue (24%)



- Red (24%)
- Yellow (97%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (76%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3846, 86.0809, 17.1279 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 71.3846, 86.0809, 17.1279 by changing the saturation by 10% instead.

71.3846, 86.0809,
17.1279

71.3846, 86.0809,
17.1279

454.5877,
515.1979, 247.9772

52.9398, 64.7349,
10.1628

120.1967,
141.8824, 39.3392

37.9820, 47.2461,
5.4000

151.2948,
177.1066, 55.4225

26.1459, 33.2303,
2.4210

187.3412,
217.7257, 75.3823

17.0660, 22.3029,
0.7979

228.7015,
264.1241, 99.6371

10.3772, 14.0796,
0.0000

275.7409,
316.6861, 128.6054

5.7139, 8.1761,
0.0000

328.8249,

2.7109, 4.2078,

375.7961, 162.7059

0.0000

388.3187,
441.8386, 202.3569

■ 1.0028, 1.7905,
0.0000

■ 0.0000, 0.4812,
0.0000

■ 71.3846, 86.0809,
17.1279

■ 71.3846, 86.0809,
17.1279

■ 70.7410, 85.8108,
14.4488

■ 72.3369, 86.4810,
21.4137


■ 70.3538, 85.6400,
13.1269

■ 73.6295, 87.0140,
27.4985


■ 70.2367, 85.5864,
12.8180


■ 75.2964, 87.6968,
35.5532


■ 77.3662, 88.5407,
45.7273

 79.8644, 89.5561,
58.1561

 82.8145, 90.7523,
72.9636

 86.2386, 92.1380,
90.2647

 89.7331, 93.5520,
107.9356

 89.8735, 93.6244,
107.9422

Harmonies

Analogous

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



94.1762, 86.0809, 17.3447



71.3846, 86.0809, 17.1279



54.8111, 86.0809, 29.5991

Triad

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



71.3846, 86.0809, 17.1279



54.3229, 86.0809, 211.9173



131.7320, 86.0809, 131.6890

Complementary

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



71.3846, 86.0809, 17.1279



20.4567, 11.0057, 89.0472

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.



116.4940, 86.0809, 215.0881



71.3846, 86.0809, 17.1279



70.5899, 86.0809, 274.1602

Square

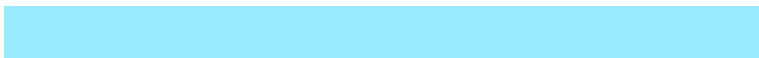
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3846, 86.0809, 17.1279



46.2749, 86.0809, 128.5753



93.2200, 86.0809, 275.5337



132.0538, 86.0809, 65.8243

Rectangle

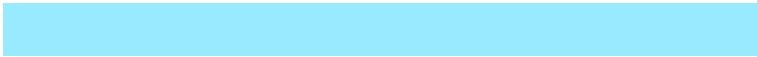
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3846, 86.0809, 17.1279



48.3021, 86.0809, 49.2785



93.2200, 86.0809, 275.5337



128.0740, 86.0809, 159.1010

Sweetspot

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



71.3866, 86.0849, 17.1297



86.6575, 96.6030, 66.5126



40.7922, 23.3343, 6.6301



18.3185, 20.5838, 13.0870



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.



71.3866, 86.0849, 17.1297



75.7944, 92.1407, 14.5981



47.3115, 73.6737, 16.0030



17.8868, 19.2992, 17.5799



37.1561, 45.2675, 6.7792



3.2740, 3.9828, 0.5962

Inverse Universe

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



20.4567, 11.0057, 89.0472



18.7990, 8.0595, 95.1726



31.6387, 16.7702, 89.5705



15.6058, 15.9394, 20.7967



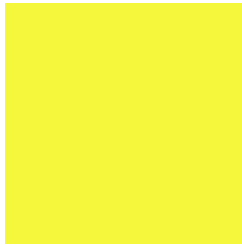
8.9164, 3.5709, 46.7573



0.7922, 0.3182, 4.1099

Previews

White Background



This preview shows how the XYZ color 71.3846, 86.0809, 17.1279 looks on a white background.

Color Contrast Check

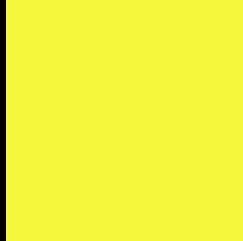
Large Text (above 18pt) WCAG AA × Fail

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 71.3846, 86.0809, 17.1279 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 71.3846, 86.0809, 17.1279

Background



This preview shows how black text looks on a background with the XYZ color 71.3846, 86.0809, 17.1279.



This preview shows how white text looks on a background with the XYZ color 71.3846, 86.0809,

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

71.3846, 86.0809, 17.1279

Protanopia

79.4572, 85.9333, 50.9270

Deuteranopia

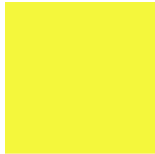
83.1191, 86.0044, 74.5070



Tritanopia

86.7312, 85.6270, 99.1452

Trichromacy



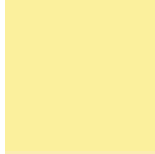
Original Color

71.3846, 86.0809, 17.1279



Protanomaly

75.6325, 85.6522, 34.0190



Deuteranomaly

77.0296, 85.2637, 44.2959



Tritanomaly

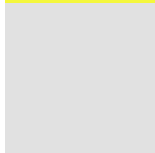
78.1037, 84.2920, 54.2729

Monochromacy



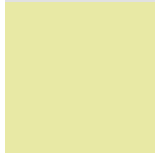
Original Color

71.3846, 86.0809, 17.1279



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.2092, 78.1502, 47.0341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3846, 86.0809, 17.1279 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(244, 247, 60)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 60)  
}
```

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(244, 247, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 60) }
```

Border

The CSS property to change the border of an element to XYZ 71.3846, 86.0809, 17.1279 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(244, 247, 60) }
```


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

```
.border{ border-color:rgb(244, 247, 60) }
```

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

Here you see how a box with a 4 pixel rgb(244, 247, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 60);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3846, 86.0809, 17.1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 60) }
```

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

```
.background{ background-color: rgb(244,  
247, 60) }
```

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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