

Converting Colors

XYZ(72.4161, 82.6227, 36.1758)

Have a look what the booklet for
XYZ(72.4161, 82.6227, 36.1758)
contains.

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Color

**XYZ(72.4161, 82.6227,
36.1758)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F3EF8A |
| RGB | 243, 239, 138 |
| RGB Percent | 95%, 94%, 54% |
| CMY | 0.0471, 0.0627, 0.4588 |
| CMYK | 0.00, 0.02, 0.43, 0.05 |
| HSL | 58°, 81%, 75% |
| HSV | 58°, 43%, 95% |
| XYZ | 72.4161, 82.6227, 36.1758 |
| YIQ | 228.6820, 34.8050, -30.5630 |

Conversions

Conversions Part 2

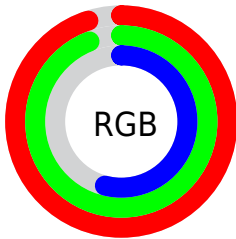
| Format | Color |
|-------------------------------------|--|
| RYB | 142, 243, 138 |
| Decimal | 15986570 |
| CIELab | 92.85, -12.51, 49.15 |
| CIELCh | 93, 50.716, 104.277 |
| Yxy | 82.6227, 0.3787, 0.4321 |
| Android (android.graphics.Color) | 4294176650 (0xFFFF3EF8A) |
| YUV | 228.6820, -44.7062, 12.5569 |
| Hunter-Lab | 90.8970, -16.8619, 40.0313 |

Details

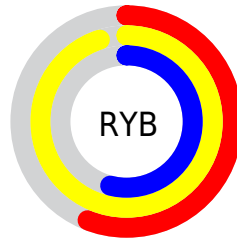
The XYZ color **72.4161, 82.6227, 36.1758** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.3318, 31.2194, 88.9049**, and the grayscale version is **74.5445, 78.4266, 85.4065**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **38.5808, 44.8371, 15.2153** is the 20% darker color. If you saturate the color by 10%, you get **70.5809, 81.4598, 27.8344**, and if you desaturate by 10%, it is **74.6503, 83.9534, 46.5939**.

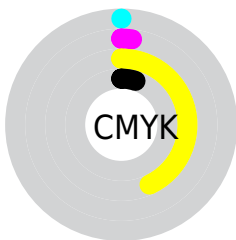
Distribution



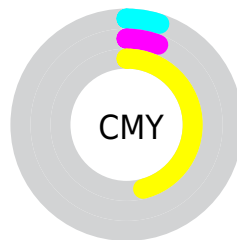
- Red (95%)
- Green (94%)
- Blue (54%)



- Red (56%)
- Yellow (95%)
- Blue (54%)



- Cyan (0%)
- Magenta (2%)
- Yellow (43%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4161, 82.6227, 36.1758 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 72.4161, 82.6227, 36.1758 by changing the saturation by 10% instead.

72.4161, 82.6227,
36.1758

72.4161, 82.6227,
36.1758

458.1238,
503.7282, 344.7889

53.7853, 61.8789,
24.2792

121.6555,
137.0469, 70.4754

38.6600, 44.9349,
15.3268

152.9949,
171.4961, 93.7156

26.6749, 31.4061,
8.8999

189.3012,
211.2826, 121.5740

17.4645, 20.9083,
4.5800

230.9398,
256.7908, 154.4692

10.6636, 13.0570,
1.9486

278.2759,
308.4051, 192.8197

5.9067, 7.4678,
0.5234

331.6751,

2.8286, 3.7563,

366.5098, 237.0442

0.0000

391.5026,
431.4894, 287.5611

■ 1.0638, 1.5382,
0.0000

■ 0.0000, 0.3154,
0.0000

■ 72.4161, 82.6227,
36.1758

■ 72.4161, 82.6227,
36.1758

■ 70.5809, 81.4598,
27.8344

■ 74.6503, 83.9534,
46.5939

■ 69.1122, 80.4426,
21.4245


■ 77.3016, 85.4502,
59.2104


■ 67.9820, 79.5632,
16.7909


■ 80.3942, 87.1257,
74.1439

■ 67.1559, 78.8075,
13.7517

■ 83.9486, 88.9882,
91.5028


 66.5921, 78.1589,
12.0866


 87.2508, 90.7520,
107.5260

 66.3160, 77.7625,
11.5144

 87.5290, 91.3085,
107.6188

 87.8086, 91.8677,
107.7120

 88.0896, 92.4298,
107.8057

 88.3721, 92.9946,
107.8998

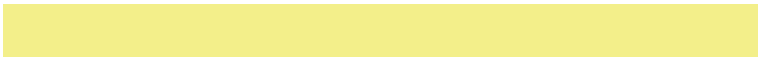
Harmonies

Analogous

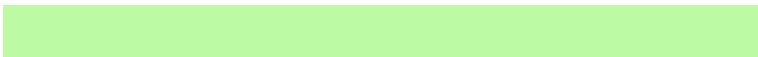
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6356, 82.6227, 36.4360



72.4161, 82.6227, 36.1758



62.0596, 82.6227, 47.1953

Triad

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



72.4161, 82.6227, 36.1758



61.6719, 82.6227, 151.0892



105.6830, 82.6227, 111.2090

Complementary

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



72.4161, 82.6227, 36.1758



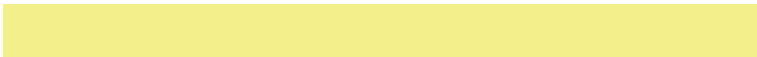
36.3318, 31.2194, 88.9049

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.



97.6846, 82.6227, 152.9358



72.4161, 82.6227, 36.1758



71.8295, 82.6227, 180.0125

Square

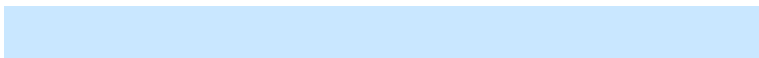
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4161, 82.6227, 36.1758



56.3457, 82.6227, 109.1734



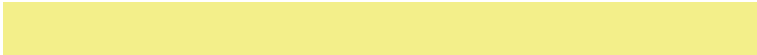
84.9795, 82.6227, 180.7701



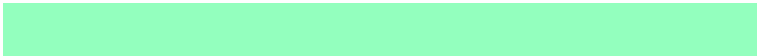
105.8859, 82.6227, 73.1480

Rectangle

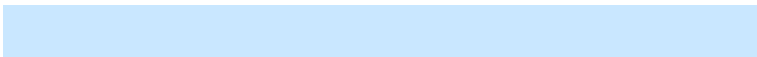
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4161, 82.6227, 36.1758



57.7494, 82.6227, 61.8748



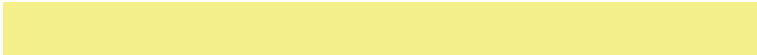
84.9795, 82.6227, 180.7701



103.7799, 82.6227, 125.4749

Sweetspot

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



72.4181, 82.6265, 36.1775



89.7638, 97.2441, 83.0408



51.0281, 39.2233, 30.9685



19.0400, 20.7217, 16.9337



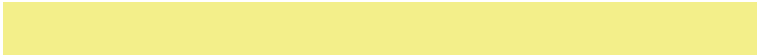
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

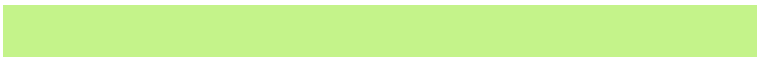
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4181, 82.6265, 36.1775



78.9499, 91.0195, 31.9500



59.3385, 77.6385, 35.9041



17.8575, 19.1991, 17.5622



36.4203, 42.7262, 6.3274



3.2175, 3.7883, 0.5616

Inverse Universe

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



36.3318, 31.2194, 88.9049



33.7795, 26.6803, 97.9772



45.3348, 34.9944, 89.1590



15.6317, 16.0277, 20.8123



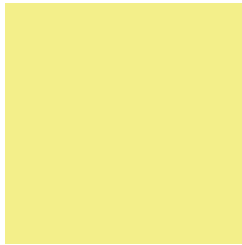
8.9557, 3.7052, 46.7812



0.8046, 0.3606, 4.1174

Previews

White Background



This preview shows how the XYZ color 72.4161, 82.6227, 36.1758 looks on a white background.

Color Contrast Check

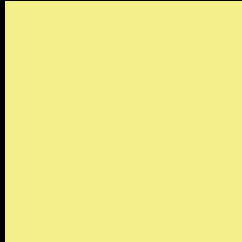
Large Text (above 18pt) WCAG AA × Fail

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 72.4161, 82.6227, 36.1758 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 72.4161, 82.6227, 36.1758

Background



This preview shows how black text looks on a background with the XYZ color 72.4161, 82.6227, 36.1758.



This preview shows how white text looks on a background with the XYZ color 72.4161, 82.6227,

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

72.4161, 82.6227, 36.1758

Protanopia

76.0081, 82.2438, 39.8855

Deuteranopia

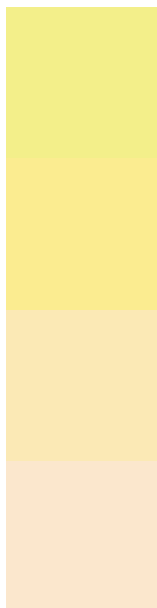
80.5563, 82.2614, 69.3899



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

72.4161, 82.6227, 36.1758

Protanomaly

74.8132, 82.5138, 38.3692

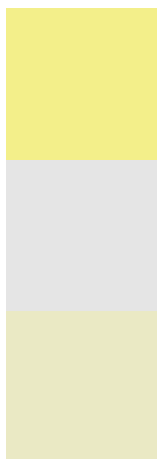
Deuteranomaly

77.2631, 82.1233, 55.4952

Tritanomaly

79.3790, 82.0688, 69.4148

Monochromacy



Original Color

72.4161, 82.6227, 36.1758

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.0344, 79.7558, 63.7696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4161, 82.6227, 36.1758 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(243, 239, 138)` looks like.

```
.text, #text, p{  
    color:rgb(243, 239, 138)  
}
```

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(243, 239, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 239, 138) }
```

Border

The CSS property to change the border of an element to XYZ 72.4161, 82.6227, 36.1758 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(243, 239, 138) }
```


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

```
.border{ border-color:rgb(243, 239, 138) }
```

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

Here you see how a box with a 4 pixel rgb(243, 239, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 239, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 239, 138);  
box-shadow:4px 4px 4px 4px rgb(243, 239,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4161, 82.6227, 36.1758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 239, 138) }
```

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

```
.background{ background-color: rgb(243,  
239, 138) }
```

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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