

Converting Colors

XYZ(71.1133, 89.4682, 26.0914)

Have a look what the booklet for XYZ(71.1133, 89.4682, 26.0914) contains.

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Color

**XYZ(71.1133, 89.4682,
26.0914)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FF66
RGB	231, 255, 102
RGB Percent	91%, 100%, 40%
CMY	0.0941, 0.0000, 0.6000
CMYK	0.09, 0.00, 0.60, 0.00
HSL	69°, 100%, 70%
HSV	69°, 60%, 100%
XYZ	71.1133, 89.4682, 26.0914
YIQ	230.3820, 34.8090, -52.6710

Conversions

Conversions Part 2

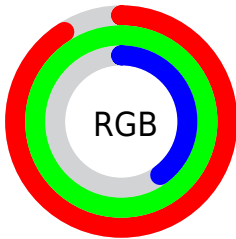
Format	Color
RYB	102, 255, 126
Decimal	15204198
CIELab	95.78, -27.88, 68.49
CIELCh	96, 73.948, 112.147
Yxy	89.4682, 0.3810, 0.4793
Android (android.graphics.Color)	4293394278 (0xFFE7FF66)
YUV	230.3820, -63.2923, 0.5420
Hunter-Lab	94.5876, -31.3277, 49.8566

Details

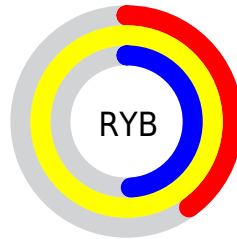
The XYZ color **71.1133, 89.4682, 26.0914** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **31.4067, 21.1596, 97.0366**, and the grayscale version is **75.9327, 79.8871, 86.9971**.

A 20% lighter version of the original color is **83.1716, 95.2486, 46.3490**, and **37.6434, 49.3332, 9.8238** is the 20% darker color. If you saturate the color by 10%, you get **68.7605, 88.3797, 20.3647**, and if you desaturate by 10%, it is **73.8847, 90.7277, 33.8696**.

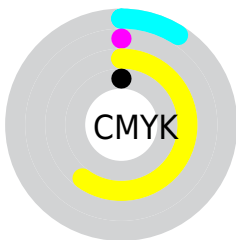
Distribution



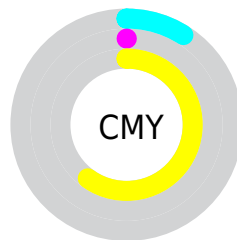
- Red (91%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (49%)



- Cyan (9%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1133, 89.4682, 26.0914 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 71.1133, 89.4682, 26.0914 by changing the saturation by 10% instead.


 71.1133, 89.4682,
26.0914

 71.1133, 89.4682,
26.0914


453.6551,
526.2994, 296.8502

 52.7175, 67.5397,
16.6657


 119.8127,
146.5995, 54.4083


 37.8039, 49.5233,
9.8370


 150.8470,
182.5710, 74.1364

 26.0070, 35.0348,
5.1868


 186.8249,
223.9923, 98.1358

 16.9616, 23.6897,
2.2966

 228.1117,
271.2478, 126.8250

 10.3023, 15.1036,
0.7293

275.0727,
324.7219, 160.6225

 5.6636, 8.8921,
0.0000

328.0734,

 2.6803, 4.6709,

384.7989, 199.9468

0.0000

387.4791,
451.8633, 245.2166

0.9871, 2.0555,
0.0000

0.0000, 0.6394,
0.0000

71.1133, 89.4682,
26.0914

71.1133, 89.4682,
26.0914

68.7605, 88.3797,
20.3647

73.8847, 90.7277,
33.8696

66.7889, 87.4469,
16.4913

77.1068, 92.1708,
43.8658

65.1542, 86.6523,
14.2401

80.8089, 93.8094,
56.2336

63.7841, 85.9669,
13.2316

85.0176, 95.6541,
71.1118

■ 63.7838, 85.9668,
13.2315

■ 89.7573, 97.7147,
88.6288

95.0500, 100.0000,
108.9000

Harmonies

Analogous

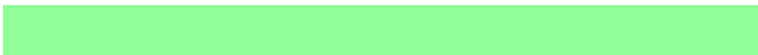
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4996, 89.4682, 23.2041



71.1133, 89.4682, 26.0914



57.7154, 89.4682, 43.5342

Triad

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



71.1133, 89.4682, 26.0914



63.2015, 89.4682, 215.4950



130.0218, 89.4682, 113.5542

Complementary

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



71.1133, 89.4682, 26.0914



31.4067, 21.1596, 97.0366

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.



119.8519, 89.4682, 183.7020



71.1133, 89.4682, 26.0914



79.7985, 89.4682, 256.0787

Square

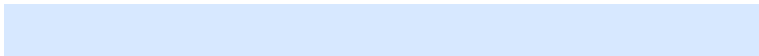
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1133, 89.4682, 26.0914



53.6816, 89.4682, 146.1007



100.6686, 89.4682, 242.5673



126.7035, 89.4682, 60.9612

Rectangle

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



71.1133, 89.4682, 26.0914



52.9465, 89.4682, 66.9226



100.6686, 89.4682, 242.5673



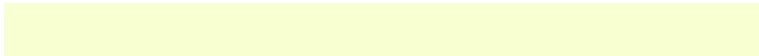
128.0171, 89.4682, 135.9970

Sweetspot

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



71.1134, 89.4683, 26.0926



85.9214, 96.0483, 74.3972



50.9663, 36.8750, 17.0029



18.1105, 20.4360, 14.9075



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.



71.1134, 89.4683, 26.0926



68.3366, 88.1810, 19.4477



51.7825, 79.5028, 25.1879



19.2649, 20.9380, 19.1704



33.4335, 44.9737, 6.9187



3.3272, 4.4160, 0.6770

Inverse Universe

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



31.4067, 21.1596, 97.0366



25.6066, 14.4983, 96.0566



47.0108, 29.2038, 97.7669



17.2683, 17.5145, 22.7205



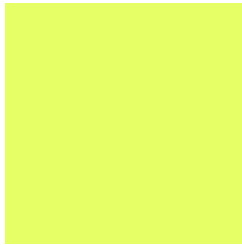
9.9670, 4.0486, 49.6907



1.0435, 0.4319, 4.8416

Previews

White Background



This preview shows how the XYZ color 71.1133, 89.4682, 26.0914 looks on a white background.

Color Contrast Check

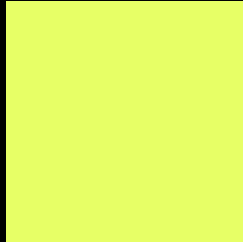
Large Text (above 18pt) WCAG AA × Fail

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 71.1133, 89.4682, 26.0914 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 71.1133, 89.4682, 26.0914

Background



This preview shows how black text looks on a background with the XYZ color 71.1133, 89.4682, 26.0914.

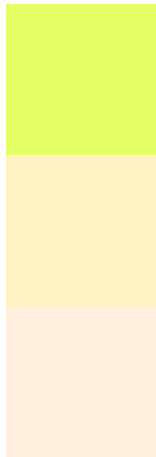


This preview shows how white text looks on a background with the XYZ color 71.1133, 89.4682,

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

71.1133, 89.4682, 26.0914

Protanopia

83.1409, 89.3013, 64.4846

Deuteranopia

85.8546, 88.9620, 83.1674



Tritanopia

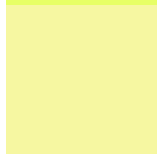
87.5679, 89.3143, 107.2318

Trichromacy



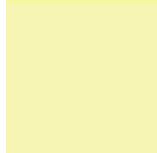
Original Color

71.1133, 89.4682, 26.0914



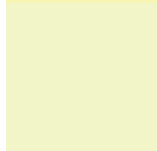
Protanomaly

77.6998, 88.6876, 46.7414



Deuteranomaly

78.8967, 88.1929, 56.0447



Tritanomaly

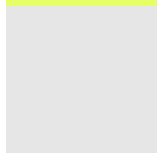
79.2368, 88.1291, 66.8672

Monochromacy



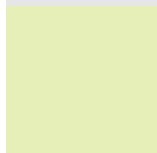
Original Color

71.1133, 89.4682, 26.0914



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.0469, 81.9749, 56.8252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1133, 89.4682, 26.0914 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(231, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 102)  
}
```

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(231, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 102) }
```

Border

The CSS property to change the border of an element to XYZ 71.1133, 89.4682, 26.0914 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(231, 255, 102) }
```


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

```
.border{ border-color:rgb(231, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1133, 89.4682, 26.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 102) }
```

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

```
.background{ background-color: rgb(231,  
255, 102) }
```

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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