

Converting Colors

XYZ(68.6901, 88.2075, 26.5021)

Have a look what the booklet for
XYZ(68.6901, 88.2075, 26.5021)
contains.

XYZ(68.6901, 88.2075, 26.5021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.6901, 88.2075,
26.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFF68
RGB	223, 255, 104
RGB Percent	87%, 100%, 41%
CMY	0.1255, 0.0000, 0.5921
CMYK	0.13, 0.00, 0.59, 0.00
HSL	73°, 100%, 70%
HSV	73°, 59%, 100%
XYZ	68.6901, 88.2075, 26.5021
YIQ	228.2180, 29.3990, -53.7450

Conversions

Conversions Part 2

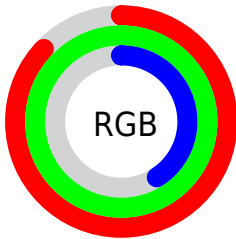
Format	Color
RYB	104, 255, 136
Decimal	14679912
CIELab	95.25, -30.82, 66.93
CIElCh	95, 73.688, 114.723
Yxy	88.2075, 0.3745, 0.4810
Android (android.graphics.Color)	4292869992 (0xFFDFFF68)
YUV	228.2180, -61.2395, -4.5762
Hunter-Lab	93.9188, -33.8072, 49.0127

Details

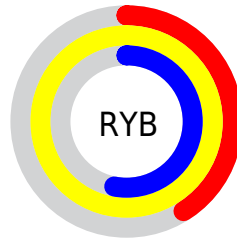
The XYZ color **68.6901, 88.2075, 26.5021** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **33.1549, 22.3562, 97.1755**, and the grayscale version is **74.3211, 78.1916, 85.1507**.

A 20% lighter version of the original color is **83.3452, 95.3181, 47.2632**, and **36.2043, 48.5848, 10.0544** is the 20% darker color. If you saturate the color by 10%, you get **65.9458, 86.9204, 20.6045**, and if you desaturate by 10%, it is **71.8792, 89.6785, 34.4664**.

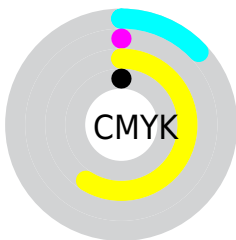
Distribution



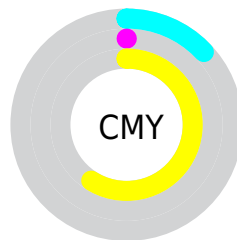
- Red (87%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6901, 88.2075, 26.5021 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 68.6901, 88.2075, 26.5021 by changing the saturation by 10% instead.

68.6901, 88.2075,
26.5021

68.6901, 88.2075,
26.5021

445.2757,
522.1825, 298.9218

50.7351, 66.4949,
16.9705

116.3753,
144.8460, 55.0778

36.2180, 48.6743,
10.0517

146.8363,
180.5407, 74.9591

24.7735, 34.3612,
5.3272

182.1965,
221.6650, 99.1273

16.0362, 23.1712,
2.3784

222.8215,
268.6031, 128.0010

9.6408, 14.7200,
0.7747

269.0766,
321.7395, 161.9988

5.2219, 8.6231,
0.0000

321.3271,

2.4141, 4.4962,

381.4586, 201.5391

0.0000

379.9383,
448.1448, 247.0406

0.8522, 1.9548,
0.0000

0.0000, 0.5810,
0.0000

68.6901, 88.2075,
26.5021

68.6901, 88.2075,
26.5021

65.9458, 86.9204,
20.6045

71.8792, 89.6785,
34.4664

63.6092, 85.8025,
16.5777

75.5454, 91.3466,
44.6623

61.6363, 84.8362,
14.1942

79.7180, 93.2236,
57.2423

59.9613, 83.9950,
13.1099

84.4236, 95.3200,
72.3444

■ 59.8360, 83.9316,
13.0467

■ 89.6869, 97.6459,
90.0960

95.0500, 100.0000,
108.9000

Harmonies

Analogous

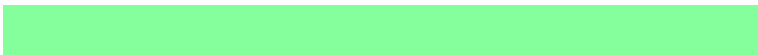
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4436, 88.2075, 22.6084



68.6901, 88.2075, 26.5021



56.0781, 88.2075, 45.2498

Triad

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



68.6901, 88.2075, 26.5021



63.4392, 88.2075, 217.7147



128.5153, 88.2075, 106.5868

Complementary

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



68.6901, 88.2075, 26.5021



33.1549, 22.3562, 97.1755

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.



119.5160, 88.2075, 175.2039



68.6901, 88.2075, 26.5021



80.3340, 88.2075, 253.8100

Square

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



68.6901, 88.2075, 26.5021



53.4031, 88.2075, 150.1759



101.0650, 88.2075, 235.7582



124.0752, 88.2075, 56.7874

Rectangle

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



68.6901, 88.2075, 26.5021



51.8076, 88.2075, 69.7301



101.0650, 88.2075, 235.7582



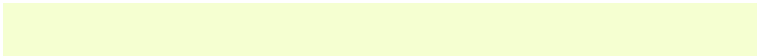
126.9240, 88.2075, 128.2603

Sweetspot

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



68.6902, 88.2075, 26.5033



85.0323, 95.5899, 74.3556



52.2922, 39.3661, 17.9402



17.8910, 20.3229, 14.8972



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.



68.6902, 88.2075, 26.5033



65.4997, 86.7088, 19.7540



50.7087, 78.9377, 25.6618



19.1622, 20.8851, 19.1656



31.3956, 43.9231, 6.8233



3.1466, 4.3229, 0.6686

Inverse Universe

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



33.1549, 22.3562, 97.1755



27.2183, 15.5767, 96.1798



49.4942, 30.7794, 97.9401



17.3627, 17.5632, 22.7249



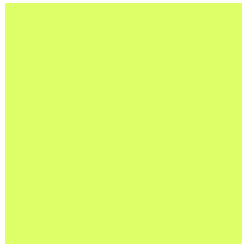
10.3274, 4.2345, 49.7076



1.0919, 0.4568, 4.8439

Previews

White Background



This preview shows how the XYZ color 68.6901, 88.2075, 26.5021 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 68.6901, 88.2075, 26.5021 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 68.6901, 88.2075, 26.5021

Background



This preview shows how black text looks on a background with the XYZ color 68.6901, 88.2075, 26.5021.

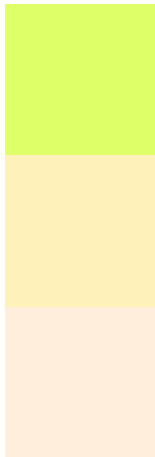


This preview shows how white text looks on a background with the XYZ color 68.6901, 88.2075,

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

68.6901, 88.2075, 26.5021

Protanopia

81.5582, 87.7158, 59.0866

Deuteranopia

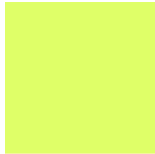
84.7328, 87.5764, 80.1482



Tritanopia

85.1453, 88.0654, 107.1184

Trichromacy



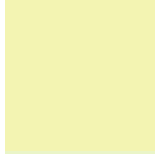
Original Color

68.6901, 88.2075, 26.5021



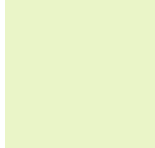
Protanomaly

75.9187, 87.3665, 44.3146



Deuteranomaly

77.3487, 86.9704, 54.8297



Tritanomaly

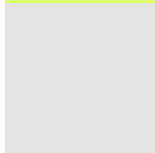
77.0094, 86.9674, 67.3711

Monochromacy



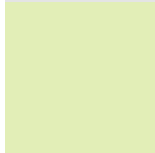
Original Color

68.6901, 88.2075, 26.5021



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.4858, 80.7367, 56.6685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6901, 88.2075, 26.5021 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(223, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 104)  
}
```

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(223, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 104) }
```

Border

The CSS property to change the border of an element to XYZ 68.6901, 88.2075, 26.5021 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(223, 255, 104) }
```


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

```
.border{ border-color:rgb(223, 255, 104) }
```

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

Here you see how a box with a 4 pixel rgb(223, 255, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6901, 88.2075, 26.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 104) }
```

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

```
.background{ background-color: rgb(223,  
255, 104) }
```

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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