

Converting Colors

XYZ(25.8636, 41.4925, 7.3814)

Have a look what the booklet for
XYZ(25.8636, 41.4925, 7.3814)
contains.

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Color

**XYZ(25.8969, 41.6426,
7.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	70C116
RGB	112, 193, 22
RGB Percent	44%, 76%, 9%
CMY	0.5608, 0.2431, 0.9137
CMYK	0.42, 0.00, 0.89, 0.24
HSL	88°, 80%, 42%
HSV	88°, 89%, 76%
XYZ	25.8969, 41.6426, 7.4320
YIQ	149.2870, 6.6150, -70.3530

Conversions

Conversions Part 2

Format	Color
R _Y B	22, 193, 103
Decimal	7389462
CIE Lab	70.62, -49.23, 67.62
CIE LCh	71, 83.641, 126.060
Yxy	41.6426, 0.3454, 0.5554
Android (android.graphics.Color)	4285579542 (0xFF70C116)
YUV	149.2870, -62.7525, -32.7007
Hunter-Lab	64.5311, -41.2957, 38.3434

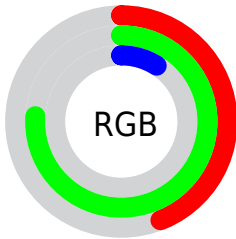
Details

The XYZ color **25.8969, 41.6426, 7.4320** is a dark color, and the websafe version is hex **66CC33**.

The color can be described as dark washed chartreuse. A complement of this color would be **15.5087, 7.3093, 51.0478**, and the grayscale version is **28.9440, 30.4513, 33.1615**.

A 20% lighter version of the original color is **52.5246, 77.6218, 21.4467**, and **10.5979, 19.1690, 3.1414** is the 20% darker color. If you saturate the color by 10%, you get **24.6628, 41.0227, 6.6962**, and if you desaturate by 10%, it is **27.3818, 42.3793, 8.8634**.

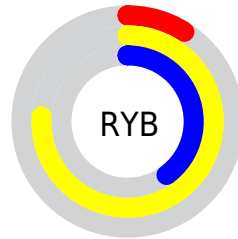
Distribution



Red (44%)

Green (76%)

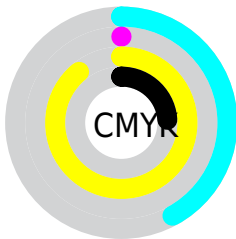
Blue (9%)



Red (9%)

Yellow (76%)

Blue (40%)

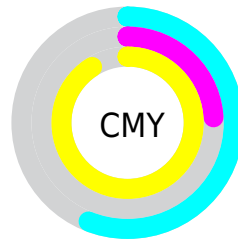


Cyan (42%)

Magenta (0%)

Yellow (89%)

Black (24%)



Cyan (56%)


Magenta (24%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8969, 41.6426, 7.4320 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 25.8969, 41.6426, 7.4320 by changing the saturation by 10% instead.


 25.8969, 41.6426,
7.4320


 25.8969, 41.6426,
7.4320


274.5416,
352.9992, 180.9714


 16.8788, 28.8215,
3.6512


 52.5411, 77.6584,
21.3646

 10.2429, 18.9459,
1.4360


 70.8978, 101.6220,
32.3536

 5.6238, 11.6312,
0.1696


 93.0982, 130.0685,
46.5823

 2.6562, 6.4931,
0.0000

 119.5075,
163.3824, 64.4693

 0.9747, 3.1471,
0.0000

 150.4912,
201.9480, 86.4332

 0.0000, 1.2090,
0.0000

 186.4145,

 0.0000, 0.0691,

246.1497, 112.8925

0.0000

227.6429,
296.3720, 144.2657

■ 0.0000, 0.0000,
0.0000

■ 25.8969, 41.6426,
7.4320

■ 25.8969, 41.6426,
7.4320

■ 24.6628, 41.0227,
6.6962

■ 27.3818, 42.3793,
8.8634

■ 24.5019, 40.9415,
6.6111

■ 29.1527, 43.2430,
11.1707

■ 31.2350, 44.2456,
14.4667

■ 33.6498, 45.3961,
18.8469

■ 36.4163, 46.7023,
24.3954

■ 39.5515, 48.1715,
31.1880

■ 43.0715, 49.8103,
39.2942

■ 46.9913, 51.6252,
48.7783

■ 51.3247, 53.6219,
59.7003

Harmonies

Analogous

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



36.8381, 41.6426, 3.9447



25.8969, 41.6426, 7.4320



19.9070, 41.6426, 20.9224

Triad

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



25.8969, 41.6426, 7.4320



29.7379, 41.6426, 156.6827



72.3601, 41.6426, 37.7663

Complementary

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



25.8969, 41.6426, 7.4320



15.5087, 7.3093, 51.0478

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.



69.2077, 41.6426, 83.8105



25.8969, 41.6426, 7.4320



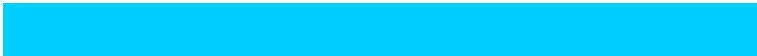
42.4548, 41.6426, 171.1111

Square

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



25.8969, 41.6426, 7.4320



21.7361, 41.6426, 106.5875



57.3922, 41.6426, 139.0118



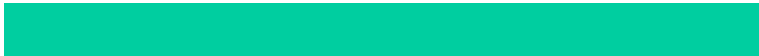
65.2119, 41.6426, 13.6587

Rectangle

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



25.8969, 41.6426, 7.4320



18.5324, 41.6426, 40.3057



57.3922, 41.6426, 139.0118



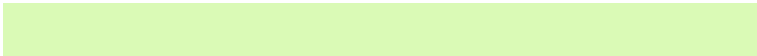
72.4883, 41.6426, 50.7807

Sweetspot

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



25.8979, 41.6444, 7.4329



71.5365, 86.5997, 57.4327



26.8709, 20.8611, 3.3700



14.9105, 18.3746, 11.3480



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.8979, 41.6444, 7.4329



43.5945, 73.1755, 11.8266



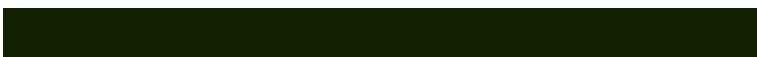
19.6868, 38.4425, 7.1422



10.4390, 11.5138, 10.7341



16.3889, 27.2776, 4.4013



0.7872, 1.2194, 0.1939

Inverse Universe

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



15.5087, 7.3093, 51.0478



24.7633, 10.7745, 91.1348



30.4813, 15.0279, 51.7486



9.9720, 9.9767, 12.6849



9.3910, 4.1017, 33.8534



0.4853, 0.2182, 1.4664

Previews

White Background



This preview shows how the XYZ color 25.8969, 41.6426, 7.4320 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 25.8969, 41.6426, 7.4320 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 25.8969, 41.6426, 7.4320

Background



This preview shows how black text looks on a background with the XYZ color 25.8969, 41.6426, 7.4320.



This preview shows how white text looks on a background with the XYZ color 25.8969, 41.6426,

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

25.8969, 41.6426, 7.4320

Protanopia

37.0799, 41.0061, 6.3761

Deuteranopia

41.8521, 40.9677, 7.9872



Tritanopia

35.6892, 41.2036, 57.1110

Trichromacy



Original Color

25.8969, 41.6426, 7.4320

Protanomaly

31.7323, 40.5755, 6.6897

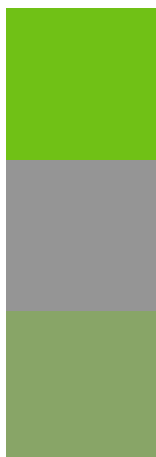
Deuteranomaly

33.7995, 39.8584, 7.5021

Tritanomaly

29.8414, 40.3553, 27.6893

Monochromacy



Original Color

25.8969, 41.6426, 7.4320

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.0567, 33.1238, 17.8522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8969, 41.6426, 7.4320 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(112, 193, 22)` looks like.

```
.text, #text, p{  
    color:rgb(112, 193, 22)  
}
```

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(112, 193, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 193, 22) }
```

Border

The CSS property to change the border of an element to XYZ 25.8969, 41.6426, 7.4320 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(112, 193, 22) }
```


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

```
.border{ border-color:rgb(112, 193, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 193, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 193, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 193, 22);  
box-shadow:4px 4px 4px 4px rgb(112, 193,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8969, 41.6426, 7.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 193, 22) }
```

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

```
.background{ background-color: rgb(112,  
193, 22) }
```

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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