

Converting Colors

XYZ(26.0040, 41.9757, 6.8985)

Have a look what the booklet for
XYZ(26.0040, 41.9757, 6.8985)
contains.

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Color

**XYZ(26.0067, 42.0415,
6.9164)**

Conversions

Conversions Part 1

Format	Color
Hex	70C206
RGB	112, 194, 6
RGB Percent	44%, 76%, 2%
CMY	0.5608, 0.2392, 0.9764
CMYK	0.42, 0.00, 0.97, 0.24
HSL	86°, 94%, 39%
HSV	86°, 97%, 76%
XYZ	26.0067, 42.0415, 6.9164
YIQ	148.0500, 11.4760, -75.8520

Conversions

Conversions Part 2

Format	Color
RYB	6, 194, 88
Decimal	7389702
CIELab	70.90, -49.96, 70.03
CIELCh	71, 86.024, 125.508
Yxy	42.0415, 0.3469, 0.5608
Android (android.graphics.Color)	4285579782 (0xFF70C206)
YUV	148.0500, -70.0306, -31.6158
Hunter-Lab	64.8394, -41.8737, 39.0631

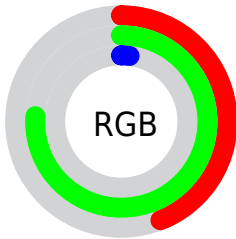
Details

The XYZ color **26.0067, 42.0415, 6.9164** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **13.8304, 6.1019, 51.4903**, and the grayscale version is **28.4509, 29.9326, 32.5966**.

A 20% lighter version of the original color is **52.5977, 78.1496, 20.2948**, and **10.7433, 19.4600, 3.1899** is the 20% darker color. If you saturate the color by 10%, you get **25.6453, 41.8603, 6.7282**, and if you desaturate by 10%, it is **27.2828, 42.6837, 7.7445**.

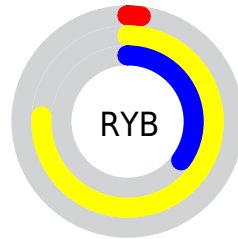
Distribution



Red (44%)

Green (76%)

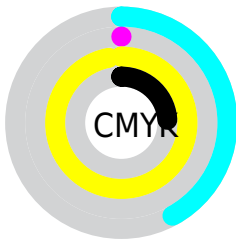
Blue (2%)



Red (2%)

Yellow (76%)

Blue (35%)

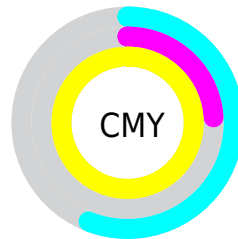


Cyan (42%)

Magenta (0%)

Yellow (97%)

Black (24%)



Cyan (56%)


Magenta (24%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0067, 42.0415, 6.9164 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 26.0067, 42.0415, 6.9164 by changing the saturation by 10% instead.


 26.0067, 42.0415,
6.9164


 26.0067, 42.0415,
6.9164


275.0711,
354.6549, 176.5717


 16.9614, 29.1338,
3.3322


 52.7170, 78.2624,
20.3148


 10.3021, 19.1821,
1.2667


 71.1126, 102.3444,
30.9662

 5.6635, 11.8019,
0.0342


 93.3558, 130.9200,
44.8103

 2.6803, 6.6089,
0.0000

 119.8117,
164.3735, 62.2657

 0.9870, 3.2188,
0.0000

 150.8459,
203.0894, 83.7511

 0.0000, 1.2470,
0.0000

 186.8236,

 0.0000, 0.0996,

247.4520, 109.6848

0.0000

228.1102,
297.8457, 140.4855

■ 0.0000, 0.0000,
0.0000

■ 26.0067, 42.0415,
6.9164

■ 26.0067, 42.0415,
6.9164

■ 25.6453, 41.8603,
6.7282

■ 27.2828, 42.6837,
7.7445

■ 28.8049, 43.4348,
9.3302

■ 30.6048, 44.3094,
11.8232

■ 32.7059, 45.3170,
15.3334

■ 35.1285, 46.4661,
19.9553

■ 37.8907, 47.7642,
25.7725

■ 41.0091, 49.2182,
32.8604

■ 44.4991, 50.8344,
41.2885

■ 48.3750, 52.6189,
51.1211

Harmonies

Analogous

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



37.3745, 42.0415, 3.6014



26.0067, 42.0415, 6.9164



19.7765, 42.0415, 20.2515

Triad

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



26.0067, 42.0415, 6.9164



29.5978, 42.0415, 161.5491



74.1056, 42.0415, 38.6174

Complementary

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



26.0067, 42.0415, 6.9164



13.8304, 6.1019, 51.4903

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.



70.6143, 42.0415, 86.8618



26.0067, 42.0415, 6.9164



42.6604, 42.0415, 177.6588

Square

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



26.0067, 42.0415, 6.9164



21.4764, 42.0415, 108.5418



58.1777, 42.0415, 144.6338



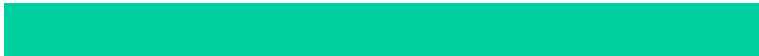
66.8218, 42.0415, 13.5544

Rectangle

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



26.0067, 42.0415, 6.9164



18.3169, 42.0415, 39.8741



58.1777, 42.0415, 144.6338



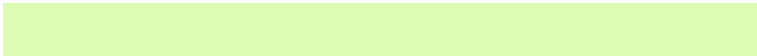
74.1698, 42.0415, 52.2334

Sweetspot

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



26.0077, 42.0433, 6.9173



72.7835, 88.4640, 56.0141



25.7294, 18.3775, 2.3640



15.3990, 19.1210, 11.0375



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.



26.0077, 42.0433, 6.9173



46.1626, 75.6831, 12.1753



19.5856, 38.7326, 6.6168



10.4755, 11.5326, 10.7358



16.9558, 27.5699, 4.4279



0.8106, 1.2314, 0.1950

Inverse Universe

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



13.8304, 6.1019, 51.4903



24.0884, 10.3801, 93.2037



28.9704, 13.9068, 52.1988



9.9358, 9.9581, 12.6833



8.9339, 3.8660, 33.8320



0.4650, 0.2077, 1.4655

Previews

White Background



This preview shows how the XYZ color 26.0067, 42.0415, 6.9164 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 26.0067, 42.0415, 6.9164 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 26.0067, 42.0415, 6.9164

Background



This preview shows how black text looks on a background with the XYZ color 26.0067, 42.0415, 6.9164.



This preview shows how white text looks on a background with the XYZ color 26.0067, 42.0415,

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

26.0067, 42.0415, 6.9164

Protanopia

37.4492, 41.4892, 6.0344

Deuteranopia

42.2569, 41.4491, 7.6928



Tritanopia

36.1633, 41.7335, 57.7791

Trichromacy



Original Color

26.0067, 42.0415, 6.9164



Protanomaly

32.0519, 41.0515, 6.2918



Deuteranomaly

34.1182, 40.3228, 7.0218



Tritanomaly

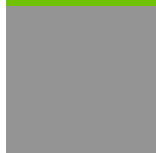
29.8673, 40.7163, 26.0235

Monochromacy



Original Color

26.0067, 42.0415, 6.9164



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.5581, 32.9057, 16.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0067, 42.0415, 6.9164 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, 194, 6)` looks like.

```
.text, #text, p{  
    color:rgb(112, 194, 6)  
}
```

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, 194, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 194, 6) }
```

Border

The CSS property to change the border of an element to XYZ 26.0067, 42.0415, 6.9164 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, 194, 6) }
```


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

```
.border{ border-color:rgb(112, 194, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 194, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 194, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 194, 6);  
box-shadow:4px 4px 4px 4px rgb(112, 194,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0067, 42.0415, 6.9164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 194, 6) }
```

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

```
.background{ background-color: rgb(112,  
194, 6) }
```

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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