

Converting Colors

XYZ(26.1002, 42.0008, 6.7313)

Have a look what the booklet for
XYZ(26.1002, 42.0008, 6.7313)
contains.

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Color

**XYZ(26.1018, 42.0943,
6.7493)**

Conversions

Conversions Part 1	
Format	Color
Hex	71C200
RGB	113, 194, 0
RGB Percent	44%, 76%, 0%
CMY	0.5569, 0.2392, 0.9999
CMYK	0.42, 0.00, 1.00, 0.24
HSL	85°, 100%, 38%
HSV	85°, 100%, 76%
XYZ	26.1018, 42.0943, 6.7493
YIQ	147.6650, 13.9980, -77.5060

Conversions

Conversions Part 2

Format	Color
RYB	0, 194, 81
Decimal	7455232
CIELab	70.94, -49.73, 70.74
CIELCh	71, 86.466, 125.106
Yxy	42.0943, 0.3483, 0.5617
Android (android.graphics.Color)	4285645312 (0xFF71C200)
YUV	147.6650, -72.7988, -30.4012
Hunter-Lab	64.8801, -41.7282, 39.2483

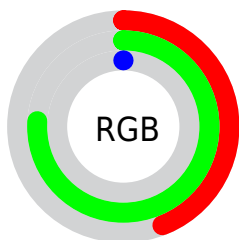
Details

The XYZ color **26.1018, 42.0943, 6.7493** 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 **13.1339, 5.6462, 51.4390**, and the grayscale version is **28.3002, 29.7740, 32.4239**.

A 20% lighter version of the original color is **52.7397, 78.2315, 19.9099**, and **10.7943, 19.4862, 3.1923** is the 20% darker color. If you saturate the color by 10%, you get **26.1015, 42.0955, 6.7496**, and if you desaturate by 10%, it is **27.3131, 42.7061, 7.4387**.

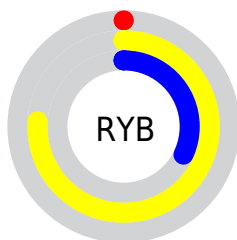
Distribution



Red (44%)

Green (76%)

Blue (0%)



Red (0%)

Yellow (76%)

Blue (32%)

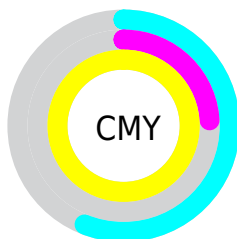


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (56%)


Magenta (24%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1018, 42.0943, 6.7493 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 26.1018, 42.0943, 6.7493 by changing the saturation by 10% instead.


 26.1018, 42.0943,
6.7493


 26.1018, 42.0943,
6.7493


275.5290,
354.8737, 175.1151


 17.0329, 29.1751,
3.2298


 52.8693, 78.3423,
19.9713

 10.3534, 19.2133,
1.2131


 71.2985, 102.4400,
30.5108


 5.6980, 11.8245,
0.0000


 93.5786, 131.0326,
44.2274

 2.7012, 6.6243,
0.0000

 120.0749,
164.5045, 61.5395

 0.9978, 3.2283,
0.0000

 151.1527,
203.2402, 82.8659

 0.0000, 1.2520,
0.0000


 187.1774,


 0.0000, 0.1036,


247.6241, 108.6249


0.0000


228.5144,
298.0404, 139.2351


 0.0000, 0.0000,
0.0000


 26.1018, 42.0943,
6.7493


 26.1018, 42.0943,
6.7493


 26.1015, 42.0955,
6.7496

 27.3131, 42.7061,
7.4387

 28.7399, 43.4137,
8.7690

 30.4284, 44.2372,
10.9676

 32.4029, 45.1867,
14.1511

 34.6841, 46.2706,
18.4180

■ 37.2905, 47.4966,
23.8549

■ 40.2388, 48.8716,
30.5394

■ 43.5446, 50.4021,
38.5428

■ 47.2220, 52.0939,
47.9308

Harmonies

Analogous

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



37.5948, 42.0943, 3.5289



26.1018, 42.0943, 6.7493



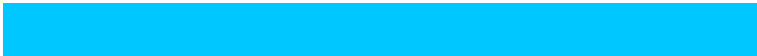
19.7781, 42.0943, 19.8960

Triad

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



26.1018, 42.0943, 6.7493



29.4466, 42.0943, 161.9989



74.4214, 42.0943, 39.1307

Complementary

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



26.1018, 42.0943, 6.7493



13.1339, 5.6462, 51.4390

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.



70.7573, 42.0943, 87.9867



26.1018, 42.0943, 6.7493



42.5251, 42.0943, 178.9268

Square

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



26.1018, 42.0943, 6.7493



21.3595, 42.0943, 108.2556



58.1441, 42.0943, 146.1654



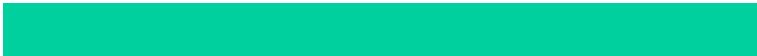
67.2136, 42.0943, 13.6774

Rectangle

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



26.1018, 42.0943, 6.7493



18.2723, 42.0943, 39.3939



58.1441, 42.0943, 146.1654



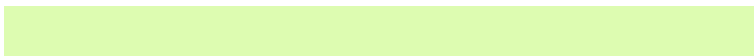
74.4349, 42.0943, 52.9393

Sweetspot

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



26.1028, 42.0961, 6.7502



72.6245, 88.4113, 54.6836



25.1804, 17.3321, 2.0189



15.3868, 19.1204, 10.7827



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.



26.1028, 42.0961, 6.7502



46.9899, 76.1096, 12.2140



19.5097, 38.6973, 6.4417



10.4937, 11.5420, 10.7366



17.2553, 27.7243, 4.4419



0.8226, 1.2376, 0.1955

Inverse Universe

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



13.1339, 5.6462, 51.4390



23.5173, 10.0856, 93.1770



28.0615, 13.3416, 52.1376



9.9179, 9.9489, 12.6824



8.7228, 3.7572, 33.8221



0.4553, 0.2028, 1.4650

Previews

White Background



This preview shows how the XYZ color 26.1018, 42.0943, 6.7493 looks on a white background.

Color Contrast Check

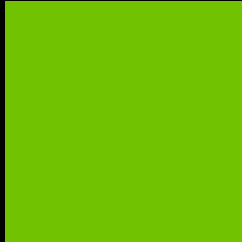
Large Text (above 18pt) WCAG AA × Fail

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 26.1018, 42.0943, 6.7493 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 26.1018, 42.0943, 6.7493

Background



This preview shows how black text looks on a background with the XYZ color 26.1018, 42.0943, 6.7493.



This preview shows how white text looks on a background with the XYZ color 26.1018, 42.0943,

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

26.1018, 42.0943, 6.7493

Protanopia

37.4492, 41.4892, 6.0344

Deuteranopia

42.2569, 41.4491, 7.6928




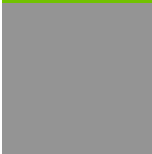

Tritanopia

36.1633, 41.7335, 57.7791

Trichromacy

	Original Color 26.1018, 42.0943, 6.7493
	Protanomaly 32.0409, 41.0471, 6.2341
	Deuteranomaly 34.0958, 40.3138, 6.9040
	Tritanomaly 29.7394, 40.6652, 25.3505

Monochromacy

	Original Color 26.1018, 42.0943, 6.7493
	Achromatopsia 28.1479, 29.6138, 32.2495
	Achromatomaly 25.4672, 32.8693, 15.5918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1018, 42.0943, 6.7493 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(113, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 194, 0)  
}
```

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(113, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 194, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.1018, 42.0943, 6.7493 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(113, 194, 0) }
```


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

```
.border{ border-color:rgb(113, 194, 0) }
```

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

Here you see how a box with a 4 pixel rgb(113, 194, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(113, 194,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1018, 42.0943, 6.7493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 194, 0) }
```

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

```
.background{ background-color: rgb(113,  
194, 0) }
```

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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