

Converting Colors

XYZ(26.5878, 41.4446, 6.5983)

Have a look what the booklet for
XYZ(26.5878, 41.4446, 6.5983)
contains.

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Color

**XYZ(26.5160, 41.3266,
6.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	79BF00
RGB	121, 191, 0
RGB Percent	47%, 75%, 0%
CMY	0.5255, 0.2510, 0.9999
CMYK	0.37, 0.00, 1.00, 0.25
HSL	82°, 100%, 37%
HSV	82°, 100%, 75%
XYZ	26.5160, 41.3266, 6.5793
YIQ	148.2960, 19.5910, -74.2410

Conversions

Conversions Part 2

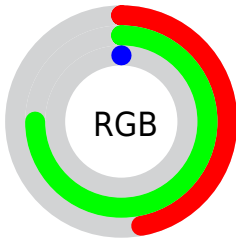
Format	Color
RYB	0, 191, 70
Decimal	7978752
CIELab	70.40, -45.72, 70.49
CIELCh	70, 84.021, 122.969
Yxy	41.3266, 0.3563, 0.5553
Android (android.graphics.Color)	4286168832 (0xFF79BF00)
YUV	148.2960, -73.1099, -23.9386
Hunter-Lab	64.2858, -38.8741, 38.9320

Details

The XYZ color **26.5160, 41.3266, 6.5793** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **11.9323, 5.0653, 49.6414**, and the grayscale version is **28.5645, 30.0520, 32.7267**.

A 20% lighter version of the original color is **53.6058, 77.2977, 19.6840**, and **10.9323, 18.9155, 3.0749** is the 20% darker color. If you saturate the color by 10%, you get **26.5158, 41.3278, 6.5795**, and if you desaturate by 10%, it is **27.6525, 41.9001, 7.2516**.

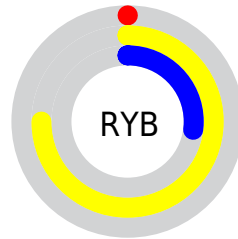
Distribution



Red (47%)

Green (75%)

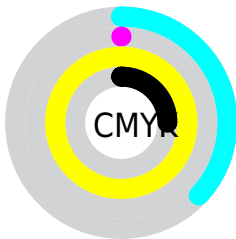
Blue (0%)



Red (0%)

Yellow (75%)

Blue (27%)

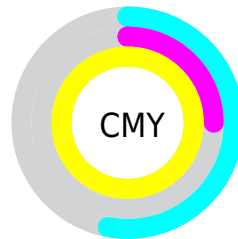


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (53%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5160, 41.3266, 6.5793 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 26.5160, 41.3266, 6.5793 by changing the saturation by 10% instead.

■ 26.5160, 41.3266,
6.5793

■ 26.5160, 41.3266,
6.5793

277.5165,
351.6838, 173.6168

■ 17.3448, 28.5744,
3.1260

■ 53.5316, 77.1794,
19.6200

■ 10.5774, 18.7591,
1.1593

■ 72.1067, 101.0488,
30.0444

■ 5.8486, 11.4963,
0.0000

■ 94.5471, 129.3927,
43.6297

■ 2.7930, 6.4017,
0.0000

■ 121.2182,
162.5956, 60.7943

■ 1.0453, 3.0909,
0.0000

■ 152.4853,
201.0417, 81.9568

■ 0.0000, 1.1793,
0.0000

■ 188.7138,

■ 0.0000, 0.0447,

245.1155, 107.5356

0.0000

230.2691,
295.2014, 137.9495

■ 0.0000, 0.0000,
0.0000

■ 26.5160, 41.3266,
6.5793

■ 26.5160, 41.3266,
6.5793

■ 26.5158, 41.3278,
6.5795

■ 27.6525, 41.9001,
7.2516

■ 28.9772, 42.5559,
8.5394

■ 30.5342, 43.3132,
10.6641

■ 32.3462, 44.1811,
13.7377

■ 34.4326, 45.1677,
17.8550

■ 36.8103, 46.2799,
23.0991

■ 39.4949, 47.5239,
29.5448

■ 42.5006, 48.9058,
37.2607

■ 45.8406, 50.4308,
46.3099

Harmonies

Analogous

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



37.9186, 41.3266, 3.7488



26.5160, 41.3266, 6.5793



20.0390, 41.3266, 18.5074

Triad

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



26.5160, 41.3266, 6.5793



28.3942, 41.3266, 152.5956



72.2594, 41.3266, 41.1678

Complementary

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



26.5160, 41.3266, 6.5793



11.9323, 5.0653, 49.6414

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.



68.0380, 41.3266, 89.2262



26.5160, 41.3266, 6.5793



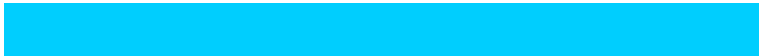
40.6730, 41.3266, 171.8989

Square

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



26.5160, 41.3266, 6.5793



20.9312, 41.3266, 100.4483



55.5957, 41.3266, 143.8653



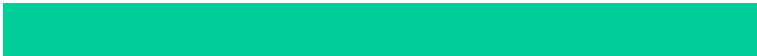
66.0710, 41.3266, 14.9806

Rectangle

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



26.5160, 41.3266, 6.5793



18.3616, 41.3266, 36.3070



55.5957, 41.3266, 143.8653



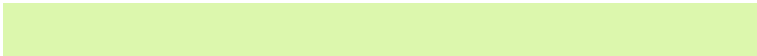
72.0132, 41.3266, 54.9750

Sweetspot

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



26.5169, 41.3284, 6.5802



70.4855, 84.9977, 52.3000



23.4862, 15.0752, 1.6726



15.0148, 18.4505, 10.3532



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.



26.5169, 41.3284, 6.5802



47.2110, 73.8722, 11.7705



19.1292, 37.5199, 6.2345



9.9739, 10.9410, 10.1628



17.5159, 27.2057, 4.3280



0.7557, 1.1015, 0.1728

Inverse Universe

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



11.9323, 5.0653, 49.6414



21.1241, 8.9442, 88.8922



24.3775, 11.4810, 50.2239



9.3379, 9.3910, 11.9927



7.9223, 3.3701, 32.6259



0.3830, 0.1695, 1.2814

Previews

White Background



This preview shows how the XYZ color 26.5160, 41.3266, 6.5793 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 26.5160, 41.3266, 6.5793 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 26.5160, 41.3266, 6.5793

Background



This preview shows how black text looks on a background with the XYZ color 26.5160, 41.3266, 6.5793.



This preview shows how white text looks on a background with the XYZ color 26.5160, 41.3266,

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

26.5160, 41.3266, 6.5793

Protanopia

36.7448, 40.8425, 5.9467

Deuteranopia

41.7500, 40.9269, 7.4495



Tritanopia

36.4193, 41.3093, 55.9232

Trichromacy



Original Color

26.5160, 41.3266, 6.5793

Protanomaly

32.0564, 40.4557, 6.1192

Deuteranomaly

34.1645, 39.7768, 6.7412

Tritanomaly

30.2779, 40.3404, 24.6030

Monochromacy



Original Color

26.5160, 41.3266, 6.5793

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

25.7771, 32.7623, 15.5548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5160, 41.3266, 6.5793 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(121, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(121, 191, 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(121, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 191, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5160, 41.3266, 6.5793 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(121, 191, 0) }
```


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

```
.border{ border-color:rgb(121, 191, 0) }
```

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

Here you see how a box with a 4 pixel rgb(121, 191, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(121, 191,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5160, 41.3266, 6.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 191, 0) }
```

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

```
.background{ background-color: rgb(121,  
191, 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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