

Converting Colors

XYZ(26.3489, 41.3214, 6.5871)

Have a look what the booklet for
XYZ(26.3489, 41.3214, 6.5871)
contains.

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Color

**XYZ(26.2386, 41.1835,
6.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	77BF00
RGB	119, 191, 0
RGB Percent	47%, 75%, 0%
CMY	0.5333, 0.2510, 0.9999
CMYK	0.38, 0.00, 1.00, 0.25
HSL	83°, 100%, 37%
HSV	83°, 100%, 75%
XYZ	26.2386, 41.1835, 6.5663
YIQ	147.6980, 18.3990, -74.6650

Conversions

Conversions Part 2

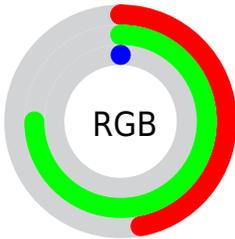
Format	Color
RYB	0, 191, 72
Decimal	7847680
CIELab	70.30, -46.44, 70.37
CIELCh	70, 84.311, 123.420
Yxy	41.1835, 0.3546, 0.5566
Android (android.graphics.Color)	4286037760 (0xFF77BF00)
YUV	147.6980, -72.8151, -25.1681
Hunter-Lab	64.1744, -39.3229, 38.8555

Details

The XYZ color **26.2386, 41.1835, 6.5663** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **12.0789, 5.1409, 49.6481**, and the grayscale version is **28.3128, 29.7872, 32.4383**.

A 20% lighter version of the original color is **53.1468, 77.0611, 19.6626**, and **10.8091, 18.8520, 3.0691** is the 20% darker color. If you saturate the color by 10%, you get **26.2383, 41.1847, 6.5665**, and if you desaturate by 10%, it is **27.3841, 41.7617, 7.2391**.

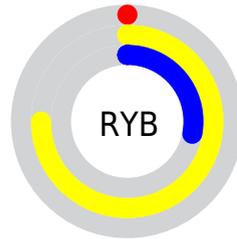
Distribution



Red (47%)

Green (75%)

Blue (0%)



Red (0%)

Yellow (75%)

Blue (28%)

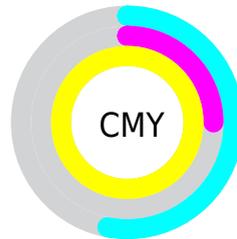


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (53%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2386, 41.1835, 6.5663 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 26.2386, 41.1835, 6.5663 by changing the saturation by 10% instead.

■ 26.2386, 41.1835,
6.5663

■ 26.2386, 41.1835,
6.5663

276.1867,
351.0870, 173.5016

■ 17.1358, 28.4625,
3.1181

■ 53.0882, 76.9624,
19.5930

■ 10.4273, 18.6746,
1.1552

■ 71.5657, 100.7890,
30.0086

■ 5.7476, 11.4354,
0.0000

■ 93.8989, 129.0864,
43.5838

■ 2.7314, 6.3605,
0.0000

■ 120.4530,
162.2388, 60.7370

■ 1.0134, 3.0655,
0.0000

■ 151.5935,
200.6306, 81.8869

■ 0.0000, 1.1660,
0.0000

■ 187.6857,

■ 0.0000, 0.0337,

244.6464, 107.4519

0.0000

229.0950,
294.6703, 137.8506

■ 0.0000, 0.0000,
0.0000

■ 26.2386, 41.1835,
6.5663

■ 26.2386, 41.1835,
6.5663

■ 26.2383, 41.1847,
6.5665

■ 27.3841, 41.7617,
7.2391

■ 28.7216, 42.4241,
8.5274

■ 30.2955, 43.1900,
10.6529

■ 32.1284, 44.0687,
13.7275

■ 34.2398, 45.0682,
17.8459

■ 36.6469, 46.1955,
23.0914

■ 39.3654, 47.4571,
29.5387

■ 42.4095, 48.8587,
37.2563

■ 45.7926, 50.4059,
46.3075

Harmonies

Analogous

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



37.5772, 41.1835, 3.6760



26.2386, 41.1835, 6.5663



19.8402, 41.1835, 18.6524

Triad

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



26.2386, 41.1835, 6.5663



28.4020, 41.1835, 153.3846



72.1748, 41.1835, 40.4463

Complementary

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



26.2386, 41.1835, 6.5663



12.0789, 5.1409, 49.6481

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.



68.0959, 41.1835, 88.3241



26.2386, 41.1835, 6.5663



40.7531, 41.1835, 172.0762

Square

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



26.2386, 41.1835, 6.5663



20.8668, 41.1835, 101.2876



55.7084, 41.1835, 143.2907



65.8249, 41.1835, 14.5986

Rectangle

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



26.2386, 41.1835, 6.5663



18.2103, 41.1835, 36.6627



55.7084, 41.1835, 143.2907



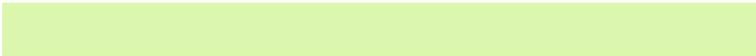
71.9827, 41.1835, 54.1551

Sweetspot

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



26.2395, 41.1853, 6.5672



70.2507, 84.8766, 52.2890



23.6801, 15.4632, 1.7372



14.9573, 18.4209, 10.3505



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.



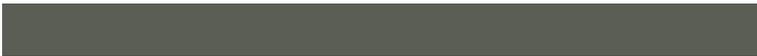
26.2395, 41.1853, 6.5672



46.7124, 73.6152, 11.7471



19.0447, 37.4762, 6.2305



9.9642, 10.9360, 10.1623



17.3344, 27.1121, 4.3195



0.7494, 1.0983, 0.1725

Inverse Universe

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



12.0789, 5.1409, 49.6481



21.3826, 9.0775, 88.9043



25.0341, 11.8195, 50.2544



9.3473, 9.3959, 11.9931



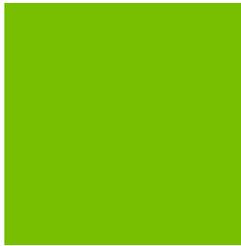
8.0199, 3.4205, 32.6304



0.3873, 0.1717, 1.2816

Previews

White Background



This preview shows how the XYZ color 26.2386, 41.1835, 6.5663 looks on a white background.

Color Contrast Check

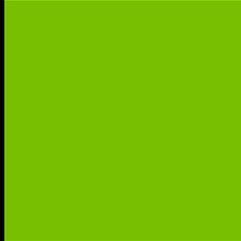
Large Text (above 18pt) WCAG AA × Fail

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 26.2386, 41.1835, 6.5663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

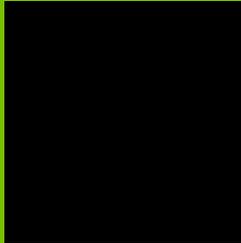
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2386, 41.1835, 6.5663

Background



This preview shows how black text looks on a background with the XYZ color 26.2386, 41.1835, 6.5663.



This preview shows how white text looks on a background with the XYZ color 26.2386, 41.1835,

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

26.2386, 41.1835, 6.5663

Protanopia

36.7448, 40.8425, 5.9467

Deuteranopia

41.2786, 40.4213, 7.3767



Tritanopia

36.2500, 41.2220, 55.9152

Trichromacy



Original Color

26.2386, 41.1835, 6.5663

Protanomaly

31.8460, 40.3472, 6.1093

Deuteranomaly

33.9308, 39.6564, 6.7303

Tritanomaly

29.9621, 40.1776, 24.5882

Monochromacy



Original Color

26.2386, 41.1835, 6.5663

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

25.6124, 32.6774, 15.5471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2386, 41.1835, 6.5663 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(119, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 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(119, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 191, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.2386, 41.1835, 6.5663 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(119, 191, 0) }
```


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

```
.border{ border-color:rgb(119, 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(119, 191, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 191,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2386, 41.1835, 6.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 191, 0) }
```

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

```
.background{ background-color: rgb(119,  
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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