

Converting Colors

XYZ(26.2383, 41.0765, 11.3961)

Have a look what the booklet for
XYZ(26.2383, 41.0765, 11.3961)
contains.

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Color

**XYZ(26.2383, 41.0765,
11.3961)**

Conversions

Conversions Part 1

Format	Color
Hex	70BF40
RGB	112, 191, 64
RGB Percent	44%, 75%, 25%
CMY	0.5608, 0.2510, 0.7490
CMYK	0.41, 0.00, 0.66, 0.25
HSL	97°, 50%, 50%
HSV	97°, 66%, 75%
XYZ	26.2383, 41.0765, 11.3961
YIQ	152.9010, -6.3170, -56.2450

Conversions

Conversions Part 2

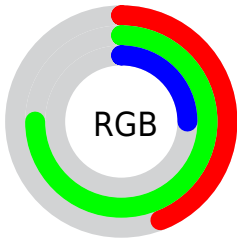
Format	Color
RYB	64, 191, 143
Decimal	7388992
CIELab	70.23, -46.12, 54.42
CIElCh	70, 71.330, 130.279
Yxy	41.0765, 0.3334, 0.5219
Android (android.graphics.Color)	4285579072 (0xFF70BF40)
YUV	152.9010, -43.8282, -35.8702
Hunter-Lab	64.0910, -39.0828, 34.3212

Details

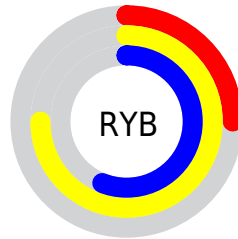
The XYZ color **26.2383, 41.0765, 11.3961** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **22.5670, 13.2693, 50.6643**, and the grayscale version is **30.4228, 32.0072, 34.8558**.

A 20% lighter version of the original color is **53.1996, 76.8778, 29.1745**, and **10.4670, 18.6756, 3.0531** is the 20% darker color. If you saturate the color by 10%, you get **24.3721, 40.1681, 8.9416**, and if you desaturate by 10%, it is **28.4921, 42.1658, 14.8418**.

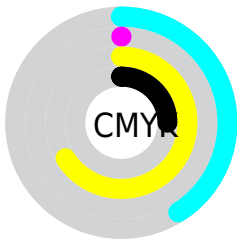
Distribution



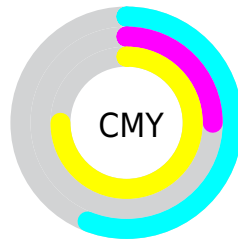
- Red (44%)
- Green (75%)
- Blue (25%)



- Red (25%)
- Yellow (75%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (66%)
- Black (25%)



- Cyan (56%)
- Magenta (25%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2383, 41.0765, 11.3961 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 26.2383, 41.0765, 11.3961 by changing the saturation by 10% instead.

■ 26.2383, 41.0765,
11.3961

■ 26.2383, 41.0765,
11.3961

276.1852,
350.6402, 211.1993

■ 17.1356, 28.3789,
6.2164

■ 53.0877, 76.8000,
29.0381

■ 10.4271, 18.6114,
2.9062

■ 71.5651, 100.5947,
42.3375

■ 5.7475, 11.3899,
1.0469

■ 93.8982, 128.8571,
59.1805

■ 2.7313, 6.3297,
0.0000

■ 120.4522,
161.9718, 79.9857

■ 1.0133, 3.0466,
0.0000

■ 151.5926,
200.3230, 105.1717

■ 0.0000, 1.1561,
0.0000

187.6846,

■ 0.0000, 0.0254,

244.2953, 135.1569

0.0000

229.0937,
294.2729, 170.3599

■ 0.0000, 0.0000,
0.0000

■ 26.2383, 41.0765,
11.3961

■ 26.2383, 41.0765,
11.3961

■ 24.3721, 40.1681,
8.9416

■ 28.4921, 42.1658,
14.8418

■ 22.8628, 39.4233,
7.3702

■ 31.1551, 43.4412,
19.3666

■ 21.6771, 38.8291,
6.5447

■ 34.2503, 44.9142,
25.0515

■ 21.3179, 38.6481,
6.3363

■ 37.7982, 46.5937,
31.9693

■ 41.8176, 48.4881,
40.1866

■ 46.3264, 50.6051,
49.7654

■ 51.3414, 52.9522,
60.7636

■ 56.8785, 55.5364,
73.2358

■ 62.9531, 58.3644,
87.2338

Harmonies

Analogous

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



35.1669, 41.0765, 6.5803



26.2383, 41.0765, 11.3961



21.4748, 41.0765, 26.3293

Triad

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



26.2383, 41.0765, 11.3961



31.9374, 41.0765, 136.8144



65.5987, 41.0765, 34.1938

Complementary

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



26.2383, 41.0765, 11.3961



22.5670, 13.2693, 50.6643

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.



64.2544, 41.0765, 70.1555



26.2383, 41.0765, 11.3961



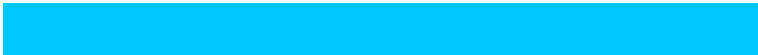
43.1918, 41.0765, 142.6761

Square

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



26.2383, 41.0765, 11.3961



24.2815, 41.0765, 100.5886



55.4518, 41.0765, 114.0081



58.8240, 41.0765, 14.6810

Rectangle

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



26.2383, 41.0765, 11.3961



20.6020, 41.0765, 45.0391



55.4518, 41.0765, 114.0081



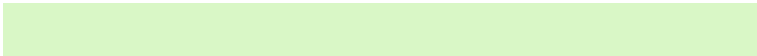
66.1094, 41.0765, 44.4130

Sweetspot

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



26.2393, 41.0783, 11.3970



72.0364, 85.4943, 66.0589



32.1331, 30.8886, 9.1196



15.3701, 18.5624, 13.5902



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.



26.2393, 41.0783, 11.3970



42.2811, 71.2655, 14.4852



22.1510, 38.9153, 13.7069



9.7404, 10.8206, 10.1518



14.0923, 25.4407, 4.1678



0.6252, 1.0343, 0.1667

Inverse Universe

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



22.5670, 13.2693, 50.6643



35.0986, 17.8081, 89.8665



31.1755, 17.8861, 42.9807



9.5711, 9.5113, 12.0036



11.2551, 5.0883, 32.7818



0.5113, 0.2356, 1.2874

Previews

White Background



This preview shows how the XYZ color 26.2383, 41.0765, 11.3961 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 26.2383, 41.0765, 11.3961 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 26.2383, 41.0765, 11.3961

Background



This preview shows how black text looks on a background with the XYZ color 26.2383, 41.0765, 11.3961.



This preview shows how white text looks on a background with the XYZ color 26.2383, 41.0765,

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

26.2383, 41.0765, 11.3961

Protanopia

36.8382, 40.5180, 10.0168

Deuteranopia

41.2743, 40.3187, 11.9102



Tritanopia

35.2615, 40.9960, 56.5066

Trichromacy



Original Color

26.2383, 41.0765, 11.3961



Protanomaly

31.6630, 39.8591, 10.4396



Deuteranomaly

33.9536, 39.5594, 11.6405



Tritanomaly

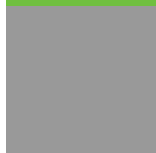
30.5792, 40.3023, 33.3615

Monochromacy



Original Color

26.2383, 41.0765, 11.3961



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.7511, 34.4212, 23.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2383, 41.0765, 11.3961 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, 191, 64)` looks like.

```
.text, #text, p{  
    color:rgb(112, 191, 64)  
}
```

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, 191, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 191, 64) }
```

Border

The CSS property to change the border of an element to XYZ 26.2383, 41.0765, 11.3961 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, 191, 64) }
```


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

```
.border{ border-color:rgb(112, 191, 64) }
```

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

Here you see how a box with a 4 pixel rgb(112, 191, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 191, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 191, 64);  
box-shadow:4px 4px 4px 4px rgb(112, 191,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2383, 41.0765, 11.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 191, 64) }
```

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

```
.background{ background-color: rgb(112,  
191, 64) }
```

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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