

Converting Colors

XYZ(26.4147, 43.5599, 7.0157)

Have a look what the booklet for
XYZ(26.4147, 43.5599, 7.0157)
contains.

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Color

**XYZ(26.3784, 43.5763,
7.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	6CC600
RGB	108, 198, 0
RGB Percent	42%, 78%, 0%
CMY	0.5765, 0.2235, 0.9999
CMYK	0.45, 0.00, 1.00, 0.22
HSL	87°, 100%, 39%
HSV	87°, 100%, 78%
XYZ	26.3784, 43.5763, 7.0208
YIQ	148.5180, 9.9180, -80.6580

Conversions

Conversions Part 2

Format	Color
RYB	0, 198, 90
Decimal	7128576
CIELab	71.94, -52.93, 71.43
CIELCh	72, 88.902, 126.538
Yxy	43.5763, 0.3427, 0.5661
Android (android.graphics.Color)	4285318656 (0xFF6CC600)
YUV	148.5180, -73.2194, -35.5343
Hunter-Lab	66.0123, -44.1934, 39.9028

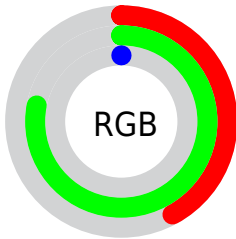
Details

The XYZ color **26.3784, 43.5763, 7.0208** 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 **14.4129, 6.2530, 53.8758**, and the grayscale version is **28.6613, 30.1539, 32.8376**.

A 20% lighter version of the original color is **53.1816, 80.3296, 20.4868**, and **10.8612, 20.1804, 3.3228** is the 20% darker color. If you saturate the color by 10%, you get **26.3780, 43.5775, 7.0210**, and if you desaturate by 10%, it is **27.6559, 44.2219, 7.7317**.

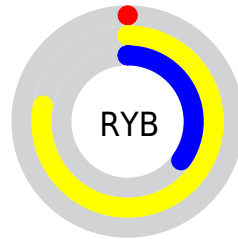
Distribution



Red (42%)

Green (78%)

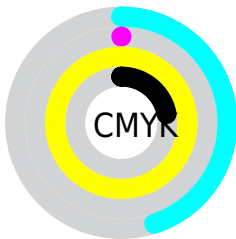
Blue (0%)



Red (0%)

Yellow (78%)

Blue (35%)

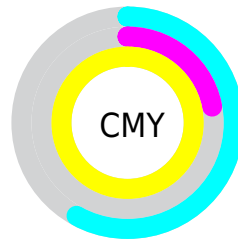


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (58%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3784, 43.5763, 7.0208 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 26.3784, 43.5763, 7.0208 by changing the saturation by 10% instead.


 26.3784, 43.5763,
7.0208


 26.3784, 43.5763,
7.0208


276.8575,
360.9765, 177.4739


 17.2411, 30.3375,
3.3965


 53.3117, 80.5798,
20.5286


 10.5029, 20.0949,
1.3005


 71.8385, 105.1133,
31.2492

 5.7985, 12.4641,
0.0622


 94.2258, 134.1806,
45.1723

 2.7624, 7.0606,
0.0000

 120.8389,
168.1660, 62.7164

 1.0294, 3.5000,
0.0000

 152.0433,
207.4538, 84.3000

 0.0000, 1.3980,
0.0000

 188.2043,

 0.0000, 0.2153,

252.4286, 110.3418

0.0000

229.6872,
303.4747, 141.2603

■ 0.0000, 0.0000,
0.0000

■ 26.3784, 43.5763,
7.0208

■ 26.3784, 43.5763,
7.0208

■ 26.3780, 43.5775,
7.0210

■ 27.6559, 44.2219,
7.7317

■ 29.1762, 44.9765,
9.1177

■ 30.9878, 45.8614,
11.4145

■ 33.1170, 46.8876,
14.7448

■ 35.5865, 48.0643,
19.2124

■ 38.4163, 49.4000,
24.9082

■ 41.6247, 50.9022,
31.9143

■ 45.2284, 52.5780,
40.3052

■ 49.2432, 54.4340,
50.1503

Harmonies

Analogous

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



38.1875, 43.5763, 3.4529



26.3784, 43.5763, 7.0208



20.0249, 43.5763, 21.3730

Triad

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



26.3784, 43.5763, 7.0208



30.8657, 43.5763, 172.5618



77.6386, 43.5763, 38.5643

Complementary

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



26.3784, 43.5763, 7.0208



14.4129, 6.2530, 53.8758

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.



74.3128, 43.5763, 89.0338



26.3784, 43.5763, 7.0208



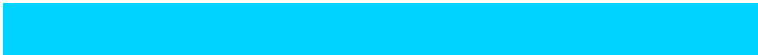
44.8256, 43.5763, 188.0360

Square

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



26.3784, 43.5763, 7.0208



22.1394, 43.5763, 116.4964



61.3024, 43.5763, 151.0487



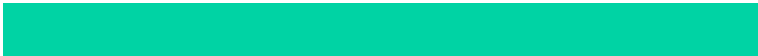
69.5201, 43.5763, 13.0863

Rectangle

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



26.3784, 43.5763, 7.0208



18.6084, 43.5763, 42.5845



61.3024, 43.5763, 151.0487



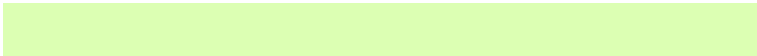
77.8461, 43.5763, 52.6667

Sweetspot

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



26.3794, 43.5782, 7.0218



73.4287, 90.0048, 55.8857



26.8718, 19.1702, 2.2846



15.1813, 19.0145, 10.7731



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.



26.3794, 43.5782, 7.0218



46.4198, 77.0153, 12.4189



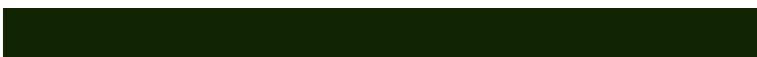
20.3193, 40.4541, 6.7381



11.0410, 12.1681, 11.3295



17.2532, 28.3897, 4.5704



0.8997, 1.3869, 0.2203

Inverse Universe

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



14.4129, 6.2530, 53.8758



25.2427, 10.9280, 95.3866



30.9587, 14.7826, 54.6502



10.5070, 10.5196, 13.3942



9.4677, 4.1150, 35.0396



0.5315, 0.2377, 1.6630

Previews

White Background



This preview shows how the XYZ color 26.3784, 43.5763, 7.0208 looks on a white background.

Color Contrast Check

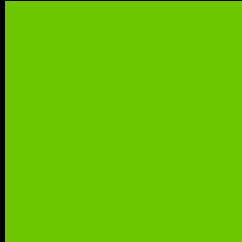
Large Text (above 18pt) WCAG AA × Fail

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 26.3784, 43.5763, 7.0208 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 26.3784, 43.5763, 7.0208

Background



This preview shows how black text looks on a background with the XYZ color 26.3784, 43.5763, 7.0208.



This preview shows how white text looks on a background with the XYZ color 26.3784, 43.5763,

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
26.3784, 43.5763, 7.0208
Protanopia
38.8140, 43.0564, 6.2650
Deuteranopia
43.8380, 42.7978, 7.9578



Tritanopia

36.9650, 43.3100, 60.4442

Trichromacy



Original Color

26.3784, 43.5763, 7.0208



Protanomaly

32.6575, 42.2803, 6.4397



Deuteranomaly

34.9183, 41.6143, 7.1117



Tritanomaly

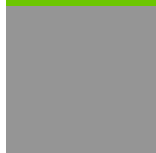
30.1967, 42.1385, 26.6207

Monochromacy



Original Color

26.3784, 43.5763, 7.0208



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

25.7158, 33.5320, 15.9434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3784, 43.5763, 7.0208 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(108, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 198, 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(108, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 198, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3784, 43.5763, 7.0208 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(108, 198, 0) }
```


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

```
.border{ border-color:rgb(108, 198, 0) }
```

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

Here you see how a box with a 4 pixel rgb(108, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 198,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3784, 43.5763, 7.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 198, 0) }
```

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

```
.background{ background-color: rgb(108,  
198, 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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