

Converting Colors

XYZ(25.8019, 43.2391, 3.8423)

Have a look what the booklet for
XYZ(25.8019, 43.2391, 3.8423)
contains.

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Color

**XYZ(26.5008, 43.6394,
7.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC600
RGB	109, 198, 0
RGB Percent	43%, 78%, 0%
CMY	0.5725, 0.2235, 0.9999
CMYK	0.45, 0.00, 1.00, 0.22
HSL	87°, 100%, 39%
HSV	87°, 100%, 78%
XYZ	26.5008, 43.6394, 7.0265
YIQ	148.8170, 10.5140, -80.4460

Conversions

Conversions Part 2

Format	Color
RYB	0, 198, 89
Decimal	7194112
CIELab	71.99, -52.61, 71.48
CIELCh	72, 88.752, 126.352
Yxy	43.6394, 0.3434, 0.5655
Android (android.graphics.Color)	4285384192 (0xFF6DC600)
YUV	148.8170, -73.3668, -34.9195
Hunter-Lab	66.0601, -43.9978, 39.9357

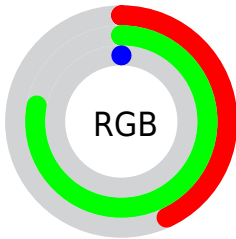
Details

The XYZ color **26.5008, 43.6394, 7.0265** 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 **14.3161, 6.2030, 53.8713**, and the grayscale version is **28.7879, 30.2871, 32.9827**.

A 20% lighter version of the original color is **53.3937, 80.4389, 20.4967**, and **10.9046, 20.2028, 3.3248** is the 20% darker color. If you saturate the color by 10%, you get **26.5005, 43.6406, 7.0268**, and if you desaturate by 10%, it is **27.7775, 44.2846, 7.7373**.

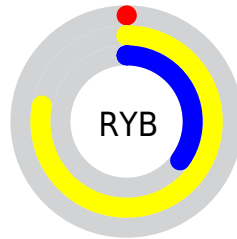
Distribution



Red (43%)

Green (78%)

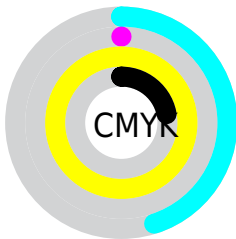
Blue (0%)



Red (0%)

Yellow (78%)

Blue (35%)

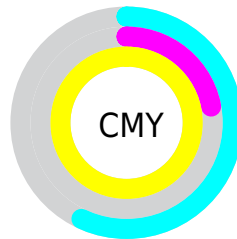


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (57%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5008, 43.6394, 7.0265 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 26.5008, 43.6394, 7.0265 by changing the saturation by 10% instead.

■ 26.5008, 43.6394,
7.0265

■ 26.5008, 43.6394,
7.0265

277.4437,
361.2347, 177.5230

■ 17.3333, 30.3871,
3.4000

■ 53.5073, 80.6749,
20.5403

■ 10.5692, 20.1326,
1.3023

■ 72.0771, 105.2268,
31.2646

■ 5.8431, 12.4915,
0.0637

■ 94.5116, 134.3141,
45.1920

■ 2.7897, 7.0793,
0.0000

■ 121.1763,
168.3212, 62.7409

■ 1.0435, 3.5118,
0.0000

■ 152.4365,
207.6324, 84.3299

■ 0.0000, 1.4044,
0.0000

■ 188.6576,

■ 0.0000, 0.2200,

252.6321, 110.3776

0.0000

230.2049,
303.7048, 141.3024

■ 0.0000, 0.0000,
0.0000

■ 26.5008, 43.6394,
7.0265

■ 26.5008, 43.6394,
7.0265

■ 26.5005, 43.6406,
7.0268

■ 27.7775, 44.2846,
7.7373

■ 29.2947, 45.0376,
9.1231

■ 31.1008, 45.9197,
11.4197

■ 33.2221, 46.9418,
14.7496

■ 35.6811, 48.1131,
19.2166

■ 38.4976, 49.4419,
24.9117

■ 41.6900, 50.9359,
31.9169

■ 45.2748, 52.6020,
40.3070

■ 49.2678, 54.4467,
50.1509

Harmonies

Analogous

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



38.3388, 43.6394, 3.4839



26.5008, 43.6394, 7.0265



20.1129, 43.6394, 21.3003

Triad

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



26.5008, 43.6394, 7.0265



30.8597, 43.6394, 172.1649



77.6720, 43.6394, 38.8731

Complementary

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



26.5008, 43.6394, 7.0265



14.3161, 6.2030, 53.8713

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.



74.2793, 43.6394, 89.4316



26.5008, 43.6394, 7.0265



44.7839, 43.6394, 187.9357

Square

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



26.5008, 43.6394, 7.0265



22.1677, 43.6394, 116.0738



61.2437, 43.6394, 151.3020



69.6287, 43.6394, 13.2436

Rectangle

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



26.5008, 43.6394, 7.0265



18.6757, 43.6394, 42.4051



61.2437, 43.6394, 151.3020



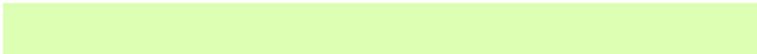
77.8542, 43.6394, 53.0217

Sweetspot

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



26.5018, 43.6413, 7.0275



73.5460, 90.0653, 55.8912



26.6029, 18.6323, 2.1949



15.2091, 19.0288, 10.7744



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.



26.5018, 43.6413, 7.0275



46.6365, 77.1270, 12.4290



20.3644, 40.4773, 6.7402



11.0462, 12.1708, 11.3298



17.3329, 28.4307, 4.5741



0.9033, 1.3888, 0.2204

Inverse Universe

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



14.3161, 6.2030, 53.8713



25.0726, 10.8403, 95.3787



30.1544, 14.3680, 54.6125



10.5019, 10.5170, 13.3940



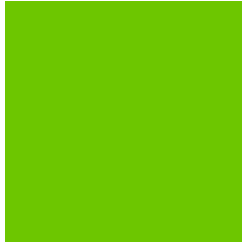
9.4044, 4.0824, 35.0367



0.5284, 0.2361, 1.6629

Previews

White Background



This preview shows how the XYZ color 26.5008, 43.6394, 7.0265 looks on a white background.

Color Contrast Check

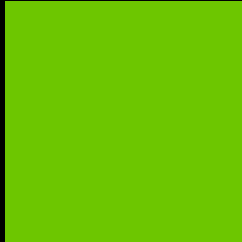
Large Text (above 18pt) WCAG AA × Fail

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 26.5008, 43.6394, 7.0265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

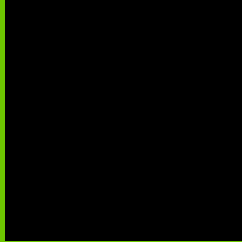
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5008, 43.6394, 7.0265

Background



This preview shows how black text looks on a background with the XYZ color 26.5008, 43.6394, 7.0265.



This preview shows how white text looks on a background with the XYZ color 26.5008, 43.6394,

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

26.5008, 43.6394, 7.0265

Protanopia

38.8140, 43.0564, 6.2650

Deuteranopia

43.8380, 42.7978, 7.9578



Tritanopia

37.1222, 43.3910, 60.4516

Trichromacy



Original Color

26.5008, 43.6394, 7.0265

Protanomaly

32.8664, 42.3880, 6.4495

Deuteranomaly

34.9183, 41.6143, 7.1117

Tritanomaly

30.3405, 42.2126, 26.6274

Monochromacy



Original Color

26.5008, 43.6394, 7.0265

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 26.5008, 43.6394, 7.0265 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(109, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 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(109, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 198, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5008, 43.6394, 7.0265 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(109, 198, 0) }
```


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

```
.border{ border-color:rgb(109, 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(109, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 198,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5008, 43.6394, 7.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 198, 0) }
```

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

```
.background{ background-color: rgb(109,  
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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