

Converting Colors

XYZ(25.7278, 41.0014, 6.5605)

Have a look what the booklet for
XYZ(25.7278, 41.0014, 6.5605)
contains.

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Color

**XYZ(25.7010, 40.9064,
6.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	73BF00
RGB	115, 191, 0
RGB Percent	45%, 75%, 0%
CMY	0.5490, 0.2510, 0.9999
CMYK	0.40, 0.00, 1.00, 0.25
HSL	84°, 100%, 37%
HSV	84°, 100%, 75%
XYZ	25.7010, 40.9064, 6.5411
YIQ	146.5020, 16.0150, -75.5130

Conversions

Conversions Part 2

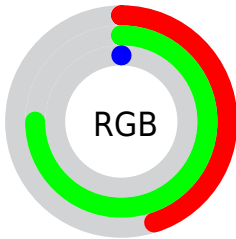
Format	Color
RYB	0, 191, 76
Decimal	7585536
CIELab	70.11, -47.84, 70.14
CIELCh	70, 84.898, 124.297
Yxy	40.9064, 0.3514, 0.5592
Android (android.graphics.Color)	4285775616 (0xFF73BF00)
YUV	146.5020, -72.2255, -27.6273
Hunter-Lab	63.9581, -40.1981, 38.7070

Details

The XYZ color **25.7010, 40.9064, 6.5411** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **12.3870, 5.2996, 49.6626**, and the grayscale version is **27.8132, 29.2616, 31.8659**.

A 20% lighter version of the original color is **52.2489, 76.5982, 19.6205**, and **10.5212, 18.7035, 3.0556** is the 20% darker color. If you saturate the color by 10%, you get **25.7008, 40.9076, 6.5414**, and if you desaturate by 10%, it is **26.8616, 41.4923, 7.2145**.

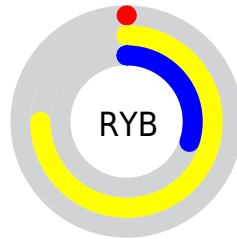
Distribution



Red (45%)

Green (75%)

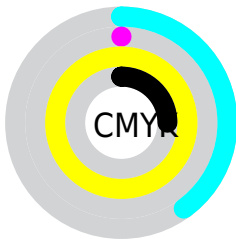
Blue (0%)



Red (0%)

Yellow (75%)

Blue (30%)

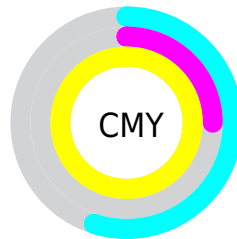


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (55%)


Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7010, 40.9064, 6.5411 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 25.7010, 40.9064, 6.5411 by changing the saturation by 10% instead.


 25.7010, 40.9064,
6.5411


 25.7010, 40.9064,
6.5411


273.5949,
349.9293, 173.2778


 16.7316, 28.2460,
3.1027


 52.2269, 76.5418,
19.5408

 10.1374, 18.5111,
1.1473


 70.5142, 100.2855,
29.9392

 5.5531, 11.3176,
0.0000


 92.6381, 128.4925,
43.4947

 2.6134, 6.2809,
0.0000

 118.9640,
161.5470, 60.6259

 0.9528, 3.0166,
0.0000

 149.8573,
199.8336, 81.7513

 0.0000, 1.1404,
0.0000

 185.6833,

 0.0000, 0.0122,

243.7366, 107.2893

0.0000

226.8074,
293.6403, 137.6587

■ 0.0000, 0.0000,
0.0000

■ 25.7010, 40.9064,
6.5411

■ 25.7010, 40.9064,
6.5411

■ 25.7008, 40.9076,
6.5414

■ 26.8616, 41.4923,
7.2145

■ 28.2220, 42.1665,
8.5039

■ 29.8269, 42.9484,
10.6308

■ 31.6993, 43.8476,
13.7071

■ 33.8589, 44.8719,
17.8277

■ 36.3233, 46.0287,
23.0757

■ 39.1081, 47.3245,
29.5260

■ 42.2282, 48.7653,
37.2471

■ 45.6969, 50.3566,
46.3022

Harmonies

Analogous

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



36.9151, 40.9064, 3.5356



25.7010, 40.9064, 6.5411



19.4546, 40.9064, 18.9408

Triad

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



25.7010, 40.9064, 6.5411



28.4192, 40.9064, 154.9564



72.0147, 40.9064, 39.0563

Complementary

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



25.7010, 40.9064, 6.5411



12.3870, 5.2996, 49.6626

Split Complementary

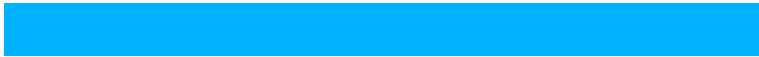
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2154, 40.9064, 86.5764



25.7010, 40.9064, 6.5411



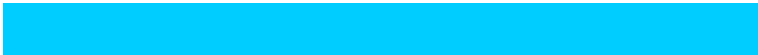
40.9140, 40.9064, 172.4403

Square

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



25.7010, 40.9064, 6.5411



20.7421, 40.9064, 102.9592



55.9350, 40.9064, 142.1786



65.3483, 40.9064, 13.8680

Rectangle

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



25.7010, 40.9064, 6.5411



17.9165, 40.9064, 37.3711



55.9350, 40.9064, 142.1786



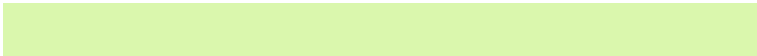
71.9287, 40.9064, 52.5720

Sweetspot

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



25.7019, 40.9082, 6.5420



69.7842, 84.6361, 52.2672



23.8846, 15.8723, 1.8054



14.8434, 18.3621, 10.3451



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.



25.7019, 40.9082, 6.5420



45.7467, 73.1173, 11.7020



18.9693, 37.4374, 6.2269



9.9448, 10.9260, 10.1614



16.9822, 26.9305, 4.3031



0.7370, 1.0919, 0.1719

Inverse Universe

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



12.3870, 5.2996, 49.6626



21.9267, 9.3580, 88.9297



25.7073, 12.1665, 50.2860



9.3661, 9.4056, 11.9940



8.2248, 3.5261, 32.6400



0.3962, 0.1763, 1.2820

Previews

White Background



This preview shows how the XYZ color 25.7010, 40.9064, 6.5411 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 25.7010, 40.9064, 6.5411 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 25.7010, 40.9064, 6.5411

Background



This preview shows how black text looks on a background with the XYZ color 25.7010, 40.9064, 6.5411.



This preview shows how white text looks on a background with the XYZ color 25.7010, 40.9064,

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

25.7010, 40.9064, 6.5411

Protanopia

36.3011, 40.3323, 5.8716

Deuteranopia

41.2945, 40.4277, 7.4606



Tritanopia

35.5882, 40.8808, 55.8843

Trichromacy



Original Color

25.7010, 40.9064, 6.5411

Protanomaly

31.2302, 39.7333, 6.0233

Deuteranomaly

33.6988, 39.5368, 6.7194

Tritanomaly

29.3484, 39.8613, 24.5595

Monochromacy



Original Color

25.7010, 40.9064, 6.5411

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

25.1092, 32.1534, 15.4725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7010, 40.9064, 6.5411 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(115, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 191, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.7010, 40.9064, 6.5411 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(115, 191, 0) }
```


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

```
.border{ border-color:rgb(115, 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(115, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 191,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7010, 40.9064, 6.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 191, 0) }
```

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

```
.background{ background-color: rgb(115,  
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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