

Converting Colors

XYZ(25.2205, 40.3827, 11.3935)

Have a look what the booklet for
XYZ(25.2205, 40.3827, 11.3935)
contains.

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Color

**XYZ(25.0765, 40.1516,
11.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	68BE41
RGB	104, 190, 65
RGB Percent	41%, 75%, 25%
CMY	0.5922, 0.2549, 0.7451
CMYK	0.45, 0.00, 0.66, 0.25
HSL	101°, 49%, 50%
HSV	101°, 66%, 75%
XYZ	25.0765, 40.1516, 11.4294
YIQ	150.0360, -11.1310, -57.1070

Conversions

Conversions Part 2

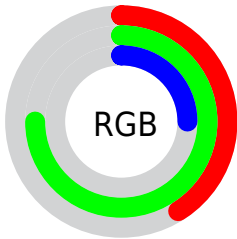
Format	Color
RYB	65, 190, 151
Decimal	6864449
CIELab	69.58, -48.18, 53.20
CIELCh	70, 71.778, 132.165
Yxy	40.1516, 0.3271, 0.5238
Android (android.graphics.Color)	4285054529 (0xFF68BE41)
YUV	150.0360, -41.9227, -40.3736
Hunter-Lab	63.3653, -40.2488, 33.6614

Details

The XYZ color **25.0765, 40.1516, 11.4294** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **23.9492, 14.0790, 50.1726**, and the grayscale version is **29.1814, 30.7011, 33.4335**.

A 20% lighter version of the original color is **51.2287, 75.4066, 28.9944**, and **9.8429, 18.1438, 2.9833** is the 20% darker color. If you saturate the color by 10%, you get **23.2147, 39.2463, 8.9369**, and if you desaturate by 10%, it is **27.3606, 41.2557, 14.9095**.

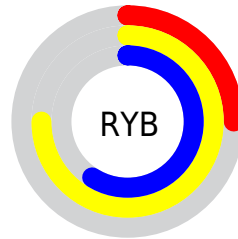
Distribution



Red (41%)

Green (75%)

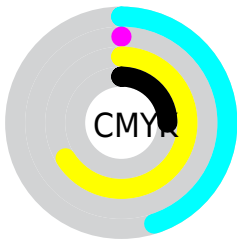
Blue (25%)



Red (25%)

Yellow (75%)

Blue (59%)

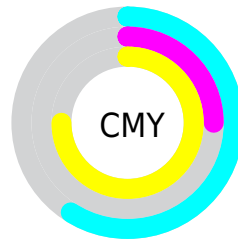


Cyan (45%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (59%)

Magenta (25%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0765, 40.1516, 11.4294 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 25.0765, 40.1516, 11.4294 by changing the saturation by 10% instead.


 25.0765, 40.1516,
11.4294


 25.0765, 40.1516,
11.4294


270.5593,
346.7621, 211.4323


 16.2631, 27.6568,
6.2386


 51.2233, 75.3943,
29.1002

 9.8025, 18.0671,
2.9196


 69.2874, 98.9110,
42.4173


 5.3295, 10.9982,
1.0537


 91.1658, 126.8704,
59.2803

 2.4786, 6.0656,
0.0000

 117.2238,
159.6569, 80.1077

 0.8845, 2.8850,
0.0000

 147.8268,
197.6549, 105.3181

 0.0000, 1.0720,
0.0000

183.3402,

 0.0000, 0.0000,

241.2489, 135.3300

0.0000

224.1292,
290.8232, 170.5619

■ 25.0765, 40.1516,
11.4294

■ 25.0765, 40.1516,
11.4294

■ 23.2147, 39.2463,
8.9369

■ 27.3606, 41.2557,
14.9095

■ 21.7421, 38.5213,
7.3265

■ 30.0910, 42.5653,
19.4632

■ 20.6237, 37.9625,
6.4703

■ 33.2930, 44.0930,
25.1701

■ 20.2343, 37.7668,
6.2233

■ 36.9892, 45.8488,
32.1016

■ 41.2004, 47.8422,
40.3234

■ 45.9464, 50.0819,
49.8963

■ 51.2458, 52.5762,
60.8774

■ 57.1162, 55.3332,
73.3205

■ 63.5745, 58.3604,
87.2765

Harmonies

Analogous

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



33.6580, 40.1516, 6.3064



25.0765, 40.1516, 11.4294



20.6411, 40.1516, 26.9440

Triad

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



25.0765, 40.1516, 11.4294



31.7383, 40.1516, 136.9243



64.3461, 40.1516, 31.6041

Complementary

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



25.0765, 40.1516, 11.4294



23.9492, 14.0790, 50.1726

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.



63.5416, 40.1516, 66.3155



25.0765, 40.1516, 11.4294



43.0528, 40.1516, 140.4505

Square

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



25.0765, 40.1516, 11.4294



23.9172, 40.1516, 102.0562



55.1561, 40.1516, 110.1119



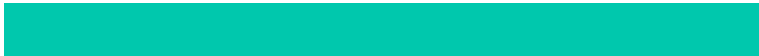
57.1720, 40.1516, 13.3527

Rectangle

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



25.0765, 40.1516, 11.4294



19.9489, 40.1516, 46.1735



55.1561, 40.1516, 110.1119



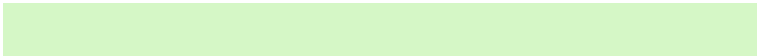
65.0347, 40.1516, 41.3516

Sweetspot

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



25.0775, 40.1533, 11.4303



71.0786, 85.0005, 66.0140



33.1640, 33.2765, 9.6767



15.1369, 18.4422, 13.5793



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.



25.0775, 40.1533, 11.4303



40.7842, 70.4876, 14.6981



22.3527, 38.6558, 15.4985



9.6813, 10.7901, 10.1491



13.5261, 25.1489, 4.1413



0.5991, 1.0208, 0.1655

Inverse Universe

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



23.9492, 14.0790, 50.1726



38.4125, 19.6759, 90.0524



30.1098, 17.5219, 38.3966



9.6325, 9.5429, 12.0065



12.4595, 5.7092, 32.8382



0.5525, 0.2569, 1.2893

Previews

White Background



This preview shows how the XYZ color 25.0765, 40.1516, 11.4294 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 25.0765, 40.1516, 11.4294 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 25.0765, 40.1516, 11.4294

Background



This preview shows how black text looks on a background with the XYZ color 25.0765, 40.1516, 11.4294.



This preview shows how white text looks on a background with the XYZ color 25.0765, 40.1516,

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

25.0765, 40.1516, 11.4294

Protanopia

35.9637, 39.5105, 9.8685

Deuteranopia

40.2754, 39.5395, 11.9877



Tritanopia

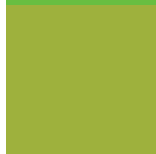
34.0390, 40.0822, 55.8118

Trichromacy



Original Color

25.0765, 40.1516, 11.4294



Protanomaly

30.6650, 39.0503, 10.3361



Deuteranomaly

32.6844, 38.6179, 11.6926



Tritanomaly

29.3875, 39.3828, 33.2469

Monochromacy



Original Color

25.0765, 40.1516, 11.4294



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.4578, 33.2287, 22.4721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0765, 40.1516, 11.4294 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(104, 190, 65)` looks like.

```
.text, #text, p{  
    color:rgb(104, 190, 65)  
}
```

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(104, 190, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 190, 65) }
```

Border

The CSS property to change the border of an element to XYZ 25.0765, 40.1516, 11.4294 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(104, 190, 65) }
```


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

```
.border{ border-color:rgb(104, 190, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 190, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 190, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 190, 65);  
box-shadow:4px 4px 4px 4px rgb(104, 190,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0765, 40.1516, 11.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 190, 65) }
```

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

```
.background{ background-color: rgb(104,  
190, 65) }
```

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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