

Converting Colors

XYZ(40.5440, 60.8595, 10.1405)

Have a look what the booklet for
XYZ(40.5440, 60.8595, 10.1405)
contains.

XYZ(40.5440, 60.8595, 10.1405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.5440, 60.8595,
10.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE111
RGB	155, 225, 17
RGB Percent	61%, 88%, 7%
CMY	0.3922, 0.1176, 0.9332
CMYK	0.31, 0.00, 0.92, 0.12
HSL	80°, 86%, 47%
HSV	80°, 92%, 88%
XYZ	40.5440, 60.8595, 10.1405
YIQ	180.3580, 25.0480, -79.5280

Conversions

Conversions Part 2

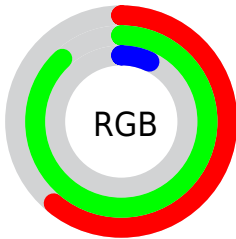
Format	Color
RYB	17, 225, 87
Decimal	10215697
CIELab	82.30, -47.34, 78.83
CIELCh	82, 91.952, 120.983
Yxy	60.8595, 0.3635, 0.5456
Android (android.graphics.Color)	4288405777 (0xFF9BE111)
YUV	180.3580, -80.5355, -22.2390
Hunter-Lab	78.0125, -43.7534, 46.9019

Details

The XYZ color **40.5440, 60.8595, 10.1405** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **17.7251, 7.8656, 71.8217**, and the grayscale version is **43.9881, 46.2789, 50.3977**.

A 20% lighter version of the original color is **65.4233, 86.5888, 23.3904**, and **19.0118, 30.8627, 4.9551** is the 20% darker color. If you saturate the color by 10%, you get **39.3704, 60.2681, 9.5579**, and if you desaturate by 10%, it is **42.3185, 61.7446, 11.6526**.

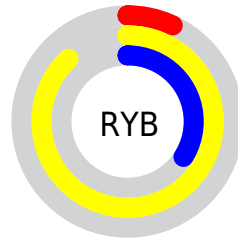
Distribution



Red (61%)

Green (88%)

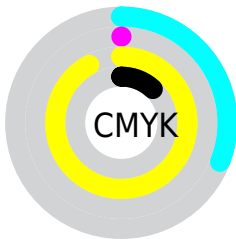
Blue (7%)



Red (7%)

Yellow (88%)

Blue (34%)

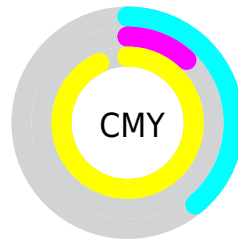


Cyan (31%)

Magenta (0%)

Yellow (92%)

Black (12%)



Cyan (39%)


Magenta (12%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5440, 60.8595, 10.1405 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 40.5440, 60.8595, 10.1405 by changing the saturation by 10% instead.


 40.5440, 60.8595,
10.1405


 40.5440, 60.8595,
10.1405


339.5064,
427.7587, 202.1930


 28.1490, 44.1118,
5.3854


 75.2703, 106.0755,
26.6714

 18.5791, 30.7584,
2.4124


 98.3323, 135.3125,
39.2842

 11.4687, 20.4149,
0.7932


 125.6807,
169.4815, 55.3534

 6.4526, 12.6970,
0.0000

 157.6809,
208.9668, 75.2974

 3.1655, 7.2203,
0.0000

 194.6982,
254.1527, 99.5349

 1.2419, 3.6002,
0.0000

 237.0980,

 0.1390, 1.4525,

305.4237, 128.4843

0.0000

285.2456,
363.1643, 162.5641

■ 0.0000, 0.2550,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 40.5440, 60.8595,
10.1405

■ 40.5440, 60.8595,
10.1405

■ 39.3704, 60.2681,
9.5579

■ 42.3185, 61.7446,
11.6526

■ 44.4059, 62.7636,
14.3348

■ 46.8433, 63.9333,
18.3668

■ 49.6601, 65.2660,
23.8966

■ 52.8823, 66.7721,
31.0531

■ 56.5333, 68.4610,
39.9510

■ 60.6342, 70.3415,
50.6948

■ 65.2047, 72.4217,
63.3808

■ 70.2631, 74.7089,
78.0985

Harmonies

Analogous

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



57.2015, 60.8595, 6.3477



40.5440, 60.8595, 10.1405



30.7674, 60.8595, 26.5095

Triad

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



40.5440, 60.8595, 10.1405



41.4333, 60.8595, 212.4012



104.2595, 60.8595, 64.4328

Complementary

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



40.5440, 60.8595, 10.1405



17.7251, 7.8656, 71.8217

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.



97.4218, 60.8595, 133.5572



40.5440, 60.8595, 10.1405



58.4935, 60.8595, 243.1749

Square

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



40.5440, 60.8595, 10.1405



31.1935, 60.8595, 138.7356



79.4776, 60.8595, 208.4046



96.5102, 60.8595, 24.8075

Rectangle

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



40.5440, 60.8595, 10.1405



28.0537, 60.8595, 50.7585



79.4776, 60.8595, 208.4046



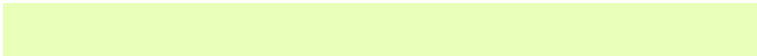
103.5799, 60.8595, 84.6474

Sweetspot

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



40.5454, 60.8622, 10.1418



77.3143, 91.9474, 58.8006



34.5100, 22.7604, 3.1055



16.0585, 19.4553, 11.3272



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.



40.5454, 60.8622, 10.1418



52.1585, 79.9737, 12.6874



28.4279, 54.6154, 9.5747



14.4002, 15.7865, 14.5949



22.8150, 34.7941, 5.5135



1.6755, 2.4603, 0.3866

Inverse Universe

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



17.7251, 7.8656, 71.8217



21.8722, 9.1904, 95.2289



35.1126, 16.8292, 72.6355



13.3847, 13.4663, 17.2815



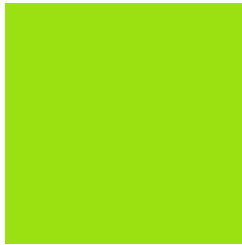
9.6484, 4.0693, 41.3253



0.7618, 0.3300, 2.8688

Previews

White Background



This preview shows how the XYZ color 40.5440, 60.8595, 10.1405 looks on a white background.

Color Contrast Check

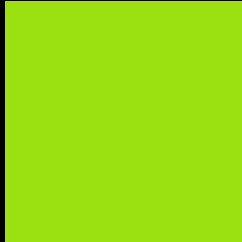
Large Text (above 18pt) WCAG AA × Fail

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 40.5440, 60.8595, 10.1405 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 40.5440, 60.8595, 10.1405

Background



This preview shows how black text looks on a background with the XYZ color 40.5440, 60.8595, 10.1405.



This preview shows how white text looks on a background with the XYZ color 40.5440, 60.8595,

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

40.5440, 60.8595, 10.1405

Protanopia

54.2260, 60.0087, 8.7248

Deuteranopia

61.3741, 60.1805, 12.7961



Tritanopia

54.6594, 60.4390, 80.7365

Trichromacy



Original Color

40.5440, 60.8595, 10.1405

Protanomaly

48.2050, 59.7966, 9.1735

Deuteranomaly

51.5184, 58.9122, 11.1385

Tritanomaly

46.1676, 59.2379, 37.8549

Monochromacy



Original Color

40.5440, 60.8595, 10.1405

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

39.9857, 49.5183, 25.5397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5440, 60.8595, 10.1405 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(155, 225, 17)` looks like.

```
.text, #text, p{  
    color:rgb(155, 225, 17)  
}
```

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(155, 225, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 225, 17) }
```

Border

The CSS property to change the border of an element to XYZ 40.5440, 60.8595, 10.1405 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(155, 225, 17) }
```


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

```
.border{ border-color:rgb(155, 225, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 225, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 225, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 225, 17);  
box-shadow:4px 4px 4px 4px rgb(155, 225,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5440, 60.8595, 10.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 225, 17) }
```

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

```
.background{ background-color: rgb(155,  
225, 17) }
```

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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