

Converting Colors

XYZ(16.0538, 10.9595, 44.4493)

Have a look what the booklet for
XYZ(16.0538, 10.9595, 44.4493)
contains.

XYZ(16.0538, 10.9595, 44.4493)	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(16.0538, 10.9595,
44.4493)**

Conversions

Conversions Part 1

Format	Color
Hex	654AB4
RGB	101, 74, 180
RGB Percent	40%, 29%, 71%
CMY	0.6039, 0.7098, 0.2941
CMYK	0.44, 0.59, 0.00, 0.29
HSL	255°, 42%, 50%
HSV	255°, 59%, 71%
XYZ	16.0538, 10.9595, 44.4493
YIQ	94.1570, -17.9340, 38.6900

Conversions

Conversions Part 2

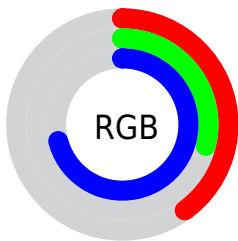
Format	Color
R_{YB}	101, 74, 180
Decimal	6638260
CIE _{Lab}	39.51, 37.11, -52.65
CIE _{LCh}	40, 64.417, 305.175
Yxy	10.9595, 0.2246, 0.1534
Android (android.graphics.Color)	4284828340 (0xFF654AB4)
YUV	94.1570, 42.3206, 6.0013
Hunter-Lab	33.1051, 28.6267, -56.4334

Details

The XYZ color **16.0538, 10.9595, 44.4493** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **30.6939, 39.9092, 12.5642**, and the grayscale version is **10.5829, 11.1340, 12.1250**.

A 20% lighter version of the original color is **36.3983, 27.6978, 83.5486**, and **5.2199, 2.8723, 20.0180** is the 20% darker color. If you saturate the color by 10%, you get **13.6382, 8.1784, 44.0400**, and if you desaturate by 10%, it is **19.0594, 14.5552, 44.9852**.

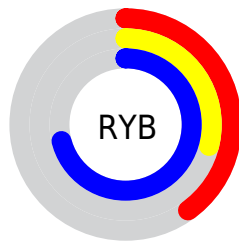
Distribution



Red (40%)

Green (29%)

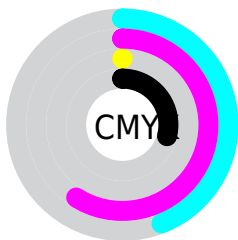
Blue (71%)



Red (40%)

Yellow (29%)

Blue (71%)

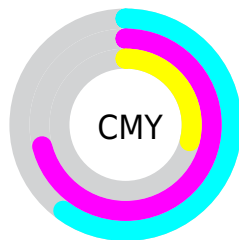


Cyan (44%)

Magenta (59%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (71%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0538, 10.9595, 44.4493 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 16.0538, 10.9595, 44.4493 by changing the saturation by 10% instead.

■ 16.0538, 10.9595,
44.4493

■ 16.0538, 10.9595,
44.4493

222.9231,
197.3895, 380.6335

■ 9.6533, 6.0396,
30.6841

■ 36.2483, 27.5853,
83.2031

■ 5.2302, 2.8692,
20.1020

■ 50.7730, 40.0599,
109.0287

■ 2.4191, 1.0638,
12.2844

■ 68.7365, 55.8216,
139.7116

■ 0.8546, 0.0000,
6.8128

■ 90.5041, 75.2547,
175.6703

■ 0.0000, 0.0000,
3.2686

■ 116.4412, 98.7437,
217.3233

■ 0.0000, 0.0000,
1.2334

146.9132,

■ 0.0000, 0.0000,

126.6729, 265.0891

0.0062

182.2854,
159.4267, 319.3863

■ 0.0000, 0.0000,
0.0000

■ 16.0538, 10.9595,
44.4493

■ 16.0538, 10.9595,
44.4493

■ 13.6382, 8.1784,
44.0400

■ 19.0594, 14.5552,
44.9852

■ 11.7689, 6.1443,
43.7460

■ 22.6912, 19.0236,
45.6562

■ 10.3981, 4.7801,
43.5549

■ 26.9842, 24.4183,
46.4713

■ 9.4482, 3.9513,
43.4450

■ 31.9701, 30.7885,
47.4380

■ 9.3584, 3.8728,
43.4345

■ 37.6787, 38.1798,
48.5638

■ 44.1379, 46.6349,
49.8554

■ 51.3742, 56.1939,
51.3191

■ 59.4126, 66.8951,
52.9609

■ 68.2772, 78.7747,
54.7867

Harmonies

Analogous

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



11.1941, 10.9595, 55.6077



16.0538, 10.9595, 44.4493



20.0700, 10.9595, 25.1766

Triad

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



16.0538, 10.9595, 44.4493



14.3631, 10.9595, 0.6753



4.0836, 10.9595, 14.2411

Complementary

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



16.0538, 10.9595, 44.4493



30.6939, 39.9092, 12.5642

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.



4.4948, 10.9595, 4.4064



16.0538, 10.9595, 44.4493



9.6761, 10.9595, 0.2775

Square

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



16.0538, 10.9595, 44.4493



18.9177, 10.9595, 2.7390



6.2829, 10.9595, 1.0864



4.9422, 10.9595, 31.8907

Rectangle

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



16.0538, 10.9595, 44.4493



21.2500, 10.9595, 14.0764



6.2829, 10.9595, 1.0864



4.0812, 10.9595, 10.0191

Sweetspot

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



16.0543, 10.9599, 44.4496



58.5329, 56.5526, 86.1253



22.5357, 27.6978, 47.3387



12.0563, 11.4588, 18.4986



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.0543, 10.9599, 44.4496



23.4953, 13.4584, 79.6540



23.9186, 15.0141, 44.8176



8.2382, 8.3313, 10.6802



6.5856, 2.7308, 30.3170



0.2622, 0.1143, 0.9565

Inverse Universe

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



27.0209, 16.9008, 31.9740



45.7313, 25.5458, 52.4876



22.8685, 35.8751, 12.1980



8.7557, 8.6090, 10.2120



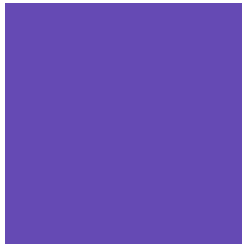
16.1755, 7.9878, 16.6161



0.5309, 0.2601, 0.6385

Previews

White Background



This preview shows how the XYZ color 16.0538, 10.9595, 44.4493 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 16.0538, 10.9595, 44.4493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0538, 10.9595, 44.4493

Background



This preview shows how black text looks on a background with the XYZ color 16.0538, 10.9595, 44.4493.



This preview shows how white text looks on a background with the XYZ color 16.0538, 10.9595,

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

16.0538, 10.9595, 44.4493

Protanopia

13.0601, 11.0739, 50.7394

Deuteranopia

11.0673, 10.9744, 38.0942



Tritanopia

10.0201, 10.9575, 14.4189

Trichromacy



Original Color

16.0538, 10.9595, 44.4493

Protanomaly

12.9029, 10.3218, 48.3260

Deuteranomaly

11.6175, 10.1883, 40.3839

Tritanomaly

11.6248, 10.5789, 22.9020

Monochromacy



Original Color

16.0538, 10.9595, 44.4493

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.0396, 10.8384, 20.8595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0538, 10.9595, 44.4493 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(101, 74, 180)` looks like.

```
.text, #text, p{  
  color:rgb(101, 74, 180)  
}
```

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(101, 74, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 74, 180) }
```

Border

The CSS property to change the border of an element to XYZ 16.0538, 10.9595, 44.4493 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(101, 74, 180) }
```


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

```
.border{ border-color:rgb(101, 74, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 74, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 74, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 74, 180);  
box-shadow:4px 4px 4px 4px rgb(101, 74,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0538, 10.9595, 44.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 74, 180) }
```

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

```
.background{ background-color: rgb(101, 74,  
180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor