

Converting Colors

XYZ(16.0864, 24.4538, 1.5900)

Have a look what the booklet for
XYZ(16.0864, 24.4538, 1.5900)
contains.

XYZ(16.6153, 24.7557, 3.9026)	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(16.6153, 24.7557,
3.9026)**

Conversions

Conversions Part 1

Format	Color
Hex	689600
RGB	104, 150, 0
RGB Percent	41%, 59%, 0%
CMY	0.5922, 0.4118, 1.0000
CMYK	0.31, 0.00, 1.00, 0.41
HSL	78°, 100%, 29%
HSV	78°, 100%, 59%
XYZ	16.6153, 24.7557, 3.9026
YIQ	119.1460, 20.7340, -56.4020

Conversions

Conversions Part 2

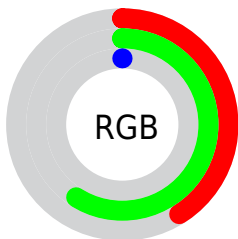
Format	Color
RYB	0, 150, 46
Decimal	6854144
CIELab	56.84, -34.38, 59.64
CIElCh	57, 68.838, 119.962
Yxy	24.7557, 0.3670, 0.5468
Android (android.graphics.Color)	4285044224 (0xFF689600)
YUV	119.1460, -58.7390, -13.2830
Hunter-Lab	49.7551, -27.4628, 30.1781

Details

The XYZ color **16.6153, 24.7557, 3.9026** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.6328, 2.7835, 29.0432**, and the grayscale version is **17.7576, 18.6824, 20.3452**.

A 20% lighter version of the original color is **37.1956, 51.1015, 13.6975**, and **5.7772, 9.6018, 1.5488** is the 20% darker color. If you saturate the color by 10%, you get **16.6154, 24.7566, 3.9028**, and if you desaturate by 10%, it is **17.2508, 25.0742, 4.3830**.

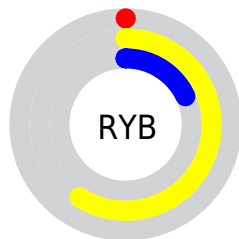
Distribution



Red (41%)

Green (59%)

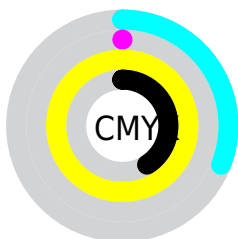
Blue (0%)



Red (0%)

Yellow (59%)

Blue (18%)

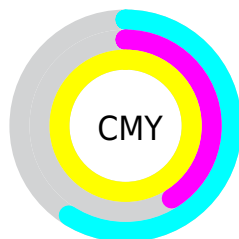


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (59%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6153, 24.7557, 3.9026 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 16.6153, 24.7557, 3.9026 by changing the saturation by 10% instead.

■ 16.6153, 24.7557,
3.9026

■ 16.6153, 24.7557,
3.9026

226.1453,
276.6191, 147.1365

■ 10.0542, 15.8951,
1.5721

■ 37.2120, 51.2606,
13.7845

■ 5.4974, 9.4500,
0.2708

■ 51.9784, 69.6738,
22.1729

■ 2.5797, 5.0358,
0.0000

■ 70.2105, 92.0399,
33.4178

■ 0.9356, 2.2683,
0.0000

■ 92.2738, 118.7434,
47.9375


■ 0.0000, 0.7569,
0.0000


■ 118.5335,
150.1687, 66.1507


■ 0.0000, 0.0000,
0.0000


■ 149.3551,


186.7001, 88.4759


 185.1039,
228.7221, 115.3317


 16.6153, 24.7557,
3.9026


 16.6153, 24.7557,
3.9026


 16.6154, 24.7566,
3.9028

 17.2508, 25.0742,
4.3830

 17.9774, 25.4316,
5.1904

 18.8251, 25.8410,
6.4795

 19.8060, 26.3071,
8.3107

 20.9302, 26.8342,
10.7354

■ 22.2068, 27.4258,
13.7992

■ 23.6440, 28.0853,
17.5432

■ 25.2493, 28.8158,
22.0051

■ 27.0298, 29.6201,
27.2197

Harmonies

Analogous

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



23.5399, 24.7557, 2.4865



16.6153, 24.7557, 3.9026



12.5132, 24.7557, 10.2975

Triad

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



16.6153, 24.7557, 3.9026



16.6011, 24.7557, 86.4176



42.6488, 24.7557, 26.9844

Complementary

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



16.6153, 24.7557, 3.9026



6.6328, 2.7835, 29.0432

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.



39.6325, 24.7557, 55.7891



16.6153, 24.7557, 3.9026



23.5192, 24.7557, 100.0189

Square

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



16.6153, 24.7557, 3.9026



12.5064, 24.7557, 55.7058



32.1367, 24.7557, 86.4820



39.6472, 24.7557, 10.3246

Rectangle

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



16.6153, 24.7557, 3.9026



11.3427, 24.7557, 19.9431



32.1367, 24.7557, 86.4820



42.2975, 24.7557, 35.4429

Sweetspot

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



16.6159, 24.7568, 3.9031



41.5644, 49.4889, 30.5277



13.5171, 8.3618, 0.9019



8.9917, 10.8669, 6.1833



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.6159, 24.7568, 3.9031



29.1364, 43.5926, 6.8786



11.4426, 22.0899, 3.6610



6.0941, 6.6563, 6.2041



13.8135, 20.5490, 3.2383



0.1992, 0.2671, 0.0410

Inverse Universe

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



6.6328, 2.7835, 29.0432



11.5449, 4.8293, 51.2449



13.2518, 6.1958, 29.3529



5.6569, 5.7141, 7.2745



5.5302, 2.3235, 24.0880



0.0950, 0.0425, 0.2961

Previews

White Background



This preview shows how the XYZ color 16.6153, 24.7557, 3.9026 looks on a white 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

Black Background



This preview shows how the XYZ color 16.6153, 24.7557, 3.9026 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 × Fail

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

XYZ 16.6153, 24.7557, 3.9026

Background



This preview shows how black text looks on a background with the XYZ color 16.6153, 24.7557, 3.9026.



This preview shows how white text looks on a background with the XYZ color 16.6153, 24.7557,

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

16.6153, 24.7557, 3.9026

Protanopia

21.9410, 24.3806, 3.5495

Deuteranopia

24.8666, 24.4471, 4.5706



Tritanopia

22.4263, 24.6215, 32.8486

Trichromacy



Original Color

16.6153, 24.7557, 3.9026

Protanomaly

19.5165, 24.2006, 3.6426

Deuteranomaly

21.0875, 24.1380, 4.1199

Tritanomaly

18.8732, 24.0669, 14.7170

Monochromacy



Original Color

16.6153, 24.7557, 3.9026

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.2266, 20.0645, 9.8551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6153, 24.7557, 3.9026 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, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 150, 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(104, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.6153, 24.7557, 3.9026 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, 150, 0) }
```


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

```
.border{ border-color:rgb(104, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(104, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 150,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6153, 24.7557, 3.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 150, 0) }
```

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

```
.background{ background-color: rgb(104,  
150, 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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