

Converting Colors

XYZ(16.7130, 25.9610, 4.1369)

Have a look what the booklet for
XYZ(16.7130, 25.9610, 4.1369)
contains.

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Color

**XYZ(16.7583, 26.0394,
4.1428)**

Conversions

Conversions Part 1

Format	Color
Hex	629B00
RGB	98, 155, 0
RGB Percent	38%, 61%, 0%
CMY	0.6157, 0.3921, 1.0000
CMYK	0.37, 0.00, 1.00, 0.39
HSL	82°, 100%, 30%
HSV	82°, 100%, 61%
XYZ	16.7583, 26.0394, 4.1428
YIQ	120.2870, 15.7830, -60.2890

Conversions

Conversions Part 2

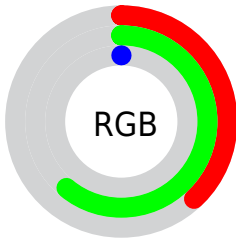
Format	Color
RYB	0, 155, 57
Decimal	6462208
CIELab	58.07, -38.91, 60.45
CIELCh	58, 71.890, 122.773
Yxy	26.0394, 0.3570, 0.5547
Android (android.graphics.Color)	4284652288 (0xFF629B00)
YUV	120.2870, -59.3015, -19.5457
Hunter-Lab	51.0288, -30.6795, 30.9067

Details

The XYZ color **16.7583, 26.0394, 4.1428** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.6051, 3.2373, 31.2360**, and the grayscale version is **18.1263, 19.0703, 20.7675**.

A 20% lighter version of the original color is **37.5104, 53.4181, 14.2950**, and **5.8051, 10.1927, 1.6614** is the 20% darker color. If you saturate the color by 10%, you get **16.7584, 26.0403, 4.1430**, and if you desaturate by 10%, it is **17.4860, 26.4050, 4.6464**.

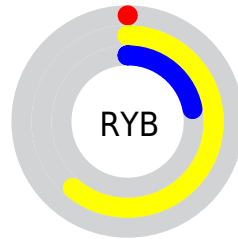
Distribution



Red (38%)

Green (61%)

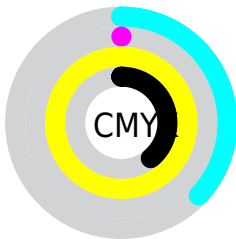
Blue (0%)



Red (0%)

Yellow (61%)

Blue (22%)

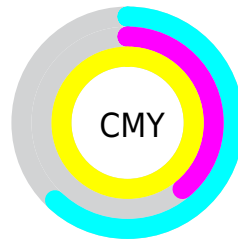


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (62%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7583, 26.0394, 4.1428 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 16.7583, 26.0394, 4.1428 by changing the saturation by 10% instead.

■ 16.7583, 26.0394,
4.1428

■ 16.7583, 26.0394,
4.1428

226.9592,
282.9754, 149.7996

■ 10.1565, 16.8531,
1.7040

■ 37.4567, 53.3385,
14.3378

■ 5.5659, 10.1298,
0.3635

■ 52.2840, 72.2201,
22.9311

■ 2.6211, 5.4851,
0.0000

■ 70.5838, 95.1023,
34.4129

■ 0.9567, 2.5346,
0.0000

■ 92.7216, 122.3694,
49.2018


■ 0.0000, 0.8939,
0.0000


■ 119.0627,
154.4059, 67.7165


■ 0.0000, 0.0000,
0.0000


■ 149.9724,


191.5961, 90.3753


 185.8161,
234.3245, 117.5968


 16.7583, 26.0394,
4.1428


 16.7583, 26.0394,
4.1428


 16.7584, 26.0403,
4.1430

 17.4860, 26.4050,
4.6464

 18.3255, 26.8196,
5.5080

 19.3089, 27.2970,
6.8892

 20.4493, 27.8425,
8.8556

 21.7583, 28.4610,
11.4633

■ 23.2460, 29.1565,
14.7616

■ 24.9217, 29.9328,
18.7952

■ 26.7938, 30.7934,
23.6050

■ 28.8703, 31.7415,
29.2288

Harmonies

Analogous

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



23.9497, 26.0394, 2.3785



16.7583, 26.0394, 4.1428



12.6618, 26.0394, 11.6043

Triad

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



16.7583, 26.0394, 4.1428



17.8619, 26.0394, 95.7905



45.4847, 26.0394, 26.0987

Complementary

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



16.7583, 26.0394, 4.1428



7.6051, 3.2373, 31.2360

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.



42.7900, 26.0394, 56.3833



16.7583, 26.0394, 4.1428



25.5673, 26.0394, 108.1013

Square

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



16.7583, 26.0394, 4.1428



13.1862, 26.0394, 62.9687



34.9470, 26.0394, 90.6692



41.6354, 26.0394, 9.5303

Rectangle

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



16.7583, 26.0394, 4.1428



11.5935, 26.0394, 22.7458



34.9470, 26.0394, 90.6692



45.3150, 26.0394, 34.8122

Sweetspot

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



16.7589, 26.0405, 4.1434



44.4424, 53.5172, 33.1926



14.9736, 9.8796, 1.1181



9.7851, 11.9866, 6.8416



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.7589, 26.0405, 4.1434



29.7976, 46.5230, 7.4093



12.0245, 23.5999, 3.9218



6.4885, 7.1093, 6.6361



13.5026, 20.9367, 3.3295



0.2416, 0.3335, 0.0516

Inverse Universe

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



7.6051, 3.2373, 31.2360



13.4267, 5.6977, 55.9284



15.8023, 7.4631, 31.6196



6.0883, 6.1314, 7.7916



6.1469, 2.6199, 25.0894



0.1297, 0.0587, 0.3769

Previews

White Background



This preview shows how the XYZ color 16.7583, 26.0394, 4.1428 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 16.7583, 26.0394, 4.1428 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 16.7583, 26.0394, 4.1428

Background



This preview shows how black text looks on a background with the XYZ color 16.7583, 26.0394, 4.1428.



This preview shows how white text looks on a background with the XYZ color 16.7583, 26.0394,

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

16.7583, 26.0394, 4.1428

Protanopia

23.1372, 25.6333, 3.7283

Deuteranopia

26.1648, 25.7102, 4.8118



Tritanopia

23.0442, 25.9917, 35.2548

Trichromacy



Original Color

16.7583, 26.0394, 4.1428

Protanomaly

20.2787, 25.4850, 3.8503

Deuteranomaly

21.5282, 25.0062, 4.3081

Tritanomaly

19.1487, 25.3319, 15.6847

Monochromacy



Original Color

16.7583, 26.0394, 4.1428

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.3741, 20.7416, 9.9780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7583, 26.0394, 4.1428 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(98, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 155, 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(98, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 155, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.7583, 26.0394, 4.1428 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(98, 155, 0) }
```


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

```
.border{ border-color:rgb(98, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 155, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.7583, 26.0394, 4.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 155, 0) }
```

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

```
.background{ background-color: rgb(98, 155,  
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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