

Converting Colors

XYZ(16.3925, 26.5252, 0.8743)

Have a look what the booklet for
XYZ(16.3925, 26.5252, 0.8743)
contains.

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Color

**XYZ(16.9867, 26.6553,
4.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	619D00
RGB	97, 157, 0
RGB Percent	38%, 62%, 0%
CMY	0.6196, 0.3843, 0.9999
CMYK	0.38, 0.00, 1.00, 0.38
HSL	83°, 100%, 31%
HSV	83°, 100%, 62%
XYZ	16.9867, 26.6553, 4.2497
YIQ	121.1620, 14.6370, -61.5470

Conversions

Conversions Part 2

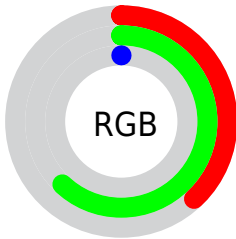
Format	Color
RYB	0, 157, 60
Decimal	6397184
CIELab	58.65, -40.14, 60.87
CIELCh	59, 72.918, 123.405
Yxy	26.6553, 0.3547, 0.5566
Android (android.graphics.Color)	4284587264 (0xFF619D00)
YUV	121.1620, -59.7329, -21.1901
Hunter-Lab	51.6288, -31.6210, 31.2598

Details

The XYZ color **16.9867, 26.6553, 4.2497** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.9508, 3.3959, 32.1362**, and the grayscale version is **18.4115, 19.3703, 21.0943**.

A 20% lighter version of the original color is **37.8501, 54.3272, 14.6222**, and **5.9266, 10.5543, 1.7248** is the 20% darker color. If you saturate the color by 10%, you get **16.9867, 26.6562, 4.2499**, and if you desaturate by 10%, it is **17.7425, 27.0352, 4.7623**.

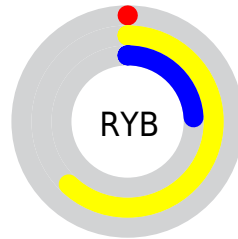
Distribution



Red (38%)

Green (62%)

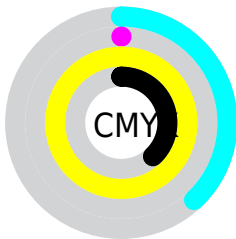
Blue (0%)



Red (0%)

Yellow (62%)

Blue (24%)

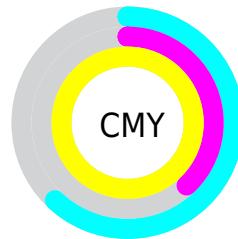


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (62%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9867, 26.6553, 4.2497 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 16.9867, 26.6553, 4.2497 by changing the saturation by 10% instead.

■ 16.9867, 26.6553,
4.2497

■ 16.9867, 26.6553,
4.2497

228.2535,
285.9843, 150.9616

■ 10.3203, 17.3145,
1.7633

■ 37.8467, 54.3302,
14.5817

■ 5.6757, 10.4590,
0.4036

■ 52.7709, 73.4332,
23.2643

■ 2.6877, 5.7043,
0.0000

■ 71.1785, 96.5590,
34.8495

■ 0.9908, 2.6661,
0.0000

■ 93.4347, 124.0920,
49.7557


■ 0.0000, 0.9600,
0.0000


■ 119.9050,
156.4166, 68.4014


■ 0.0000, 0.0000,
0.0000


■ 150.9546,


193.9173, 91.2053


 186.9490,
236.9784, 118.5859

 16.9867, 26.6553,
4.2497


 16.9867, 26.6553,
4.2497


 16.9867, 26.6562,
4.2499

 17.7425, 27.0352,
4.7623

 18.6172, 27.4675,
5.6457

 19.6435, 27.9662,
7.0642

 20.8352, 28.5371,
9.0856

 22.2042, 29.1849,
11.7679

■ 23.7612, 29.9141,
15.1621

■ 25.5159, 30.7285,
19.3142

■ 27.4770, 31.6319,
24.2665

■ 29.6528, 32.6277,
30.0579

Harmonies

Analogous

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



24.3260, 26.6553, 2.3806



16.9867, 26.6553, 4.2497



12.8442, 26.6553, 12.0676

Triad

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



16.9867, 26.6553, 4.2497



18.3802, 26.6553, 99.2453



46.7101, 26.6553, 26.1913

Complementary

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



16.9867, 26.6553, 4.2497



7.9508, 3.3959, 32.1362

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.



44.0672, 26.6553, 57.1797



16.9867, 26.6553, 4.2497



26.3717, 26.6553, 111.3557

Square

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



16.9867, 26.6553, 4.2497



13.5055, 26.6553, 65.5295



36.0493, 26.6553, 92.7441



42.6044, 26.6553, 9.4562

Rectangle

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



16.9867, 26.6553, 4.2497



11.7883, 26.6553, 23.7182



36.0493, 26.6553, 92.7441



46.5845, 26.6553, 35.0652

Sweetspot

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



16.9873, 26.6565, 4.2503



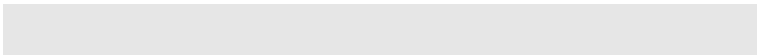
45.5000, 54.9393, 34.1135



15.3972, 10.1520, 1.1484



9.7348, 11.9607, 6.8392



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.



16.9873, 26.6565, 4.2503



30.2012, 47.6235, 7.6005



12.3657, 24.2739, 4.0340



6.9243, 7.5936, 7.0864



13.8378, 21.6704, 3.4535



0.2934, 0.4112, 0.0639

Inverse Universe

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



7.9508, 3.3959, 32.1362



14.0387, 5.9782, 57.5407



16.2512, 7.6750, 32.5247



6.5124, 6.5526, 8.3282



6.4954, 2.7775, 26.1010



0.1616, 0.0731, 0.4688

Previews

White Background



This preview shows how the XYZ color 16.9867, 26.6553, 4.2497 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 16.9867, 26.6553, 4.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

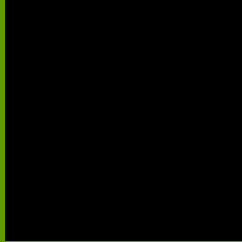
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.9867, 26.6553, 4.2497

Background



This preview shows how black text looks on a background with the XYZ color 16.9867, 26.6553, 4.2497.



This preview shows how white text looks on a background with the XYZ color 16.9867, 26.6553,

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

16.9867, 26.6553, 4.2497

Protanopia

23.8230, 26.4207, 3.8441

Deuteranopia

26.7663, 26.2211, 4.9468



Tritanopia

23.3899, 26.6038, 36.2500

Trichromacy



Original Color

16.9867, 26.6553, 4.2497

Protanomaly

20.5871, 26.1017, 3.9531

Deuteranomaly

22.0120, 25.6924, 4.4608

Tritanomaly

19.4397, 25.9404, 16.2943

Monochromacy



Original Color

16.9867, 26.6553, 4.2497

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.5467, 21.0308, 10.2084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9867, 26.6553, 4.2497 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(97, 157, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 157, 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(97, 157, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 157, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.9867, 26.6553, 4.2497 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(97, 157, 0) }
```


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

```
.border{ border-color:rgb(97, 157, 0) }
```

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

Here you see how a box with a 4 pixel rgb(97, 157, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 157, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 157, 0);  
box-shadow:4px 4px 4px 4px rgb(97, 157, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.9867, 26.6553, 4.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 157, 0) }
```

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

```
.background{ background-color: rgb(97, 157,  
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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