

Converting Colors

XYZ(10.3450, 16.5561, 2.6504)

Have a look what the booklet for
XYZ(10.3450, 16.5561, 2.6504)
contains.

XYZ(10.3370, 16.5952, 2.6584)	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(10.3370, 16.5952,
2.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	497F00
RGB	73, 127, 0
RGB Percent	29%, 50%, 0%
CMY	0.7137, 0.5019, 1.0000
CMYK	0.43, 0.00, 1.00, 0.50
HSL	86°, 100%, 25%
HSV	86°, 100%, 50%
XYZ	10.3370, 16.5952, 2.6584
YIQ	96.3760, 8.5830, -50.9450

Conversions

Conversions Part 2

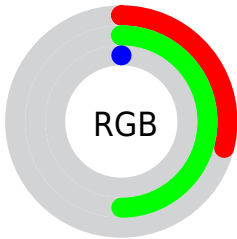
Format	Color
RYB	0, 127, 54
Decimal	4816640
CIELab	47.75, -36.10, 51.89
CIELCh	48, 63.210, 124.830
Yxy	16.5952, 0.3493, 0.5608
Android (android.graphics.Color)	4283006720 (0xFF497F00)
YUV	96.3760, -47.5134, -20.5008
Hunter-Lab	40.7372, -25.9960, 24.6469

Details

The XYZ color **10.3370, 16.5952, 2.6584** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.3530, 2.3172, 20.2448**, and the grayscale version is **11.3210, 11.9106, 12.9706**.

A 20% lighter version of the original color is **25.9991, 37.5247, 10.7232**, and **2.8509, 5.4093, 0.8938** is the 20% darker color. If you saturate the color by 10%, you get **10.3370, 16.5957, 2.6585**, and if you desaturate by 10%, it is **10.8353, 16.8444, 3.0512**.

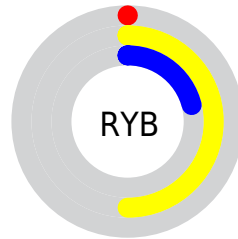
Distribution



Red (29%)

Green (50%)

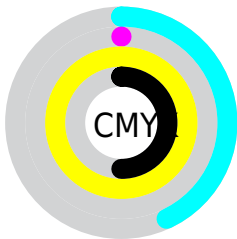
Blue (0%)



Red (0%)

Yellow (50%)

Blue (21%)

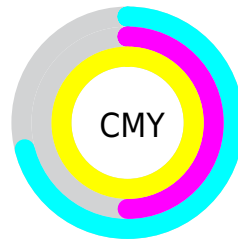


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (71%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3370, 16.5952, 2.6584 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 10.3370, 16.5952, 2.6584 by changing the saturation by 10% instead.

■ 10.3370, 16.5952,
2.6584

■ 10.3370, 16.5952,
2.6584

187.0645,
232.8287, 131.8834

■ 5.6869, 9.9463,
0.9224

■ 26.0714, 37.6285,
10.7732

■ 2.6945, 5.3634,
0.0000

■ 37.8865, 52.7816,
17.9897

■ 0.9944, 2.4620,
0.0000

■ 52.8206, 71.5383,
27.8702

■ 0.0000, 0.8575,
0.0000

■ 71.2392, 94.2829,
40.8334


■ 0.0000, 0.0000,
0.0000


■ 93.5075, 121.3999,
57.2978


■ 119.9909,


153.2736, 77.6819


 151.0548,
190.2884, 102.4042


 10.3370, 16.5952,
2.6584


 10.3370, 16.5952,
2.6584


 10.3370, 16.5957,
2.6585

 10.8353, 16.8444,
3.0512

 11.4080, 17.1271,
3.6476

 12.0806, 17.4539,
4.5753

 12.8612, 17.8285,
5.8735

 13.7571, 18.2536,
7.5760

■ 14.7748, 18.7320,
9.7129

■ 15.9201, 19.2661,
12.3113

■ 17.1985, 19.8582,
15.3961

■ 18.6151, 20.5103,
18.9905

Harmonies

Analogous

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



14.8743, 16.5952, 1.4060



10.3370, 16.5952, 2.6584



7.8299, 16.5952, 7.7887

Triad

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



10.3370, 16.5952, 2.6584



11.5816, 16.5952, 63.5205



29.2970, 16.5952, 15.5695

Complementary

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



10.3370, 16.5952, 2.6584



5.3530, 2.3172, 20.2448

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.



27.8191, 16.5952, 34.8367



10.3370, 16.5952, 2.6584



16.7077, 16.5952, 70.3389

Square

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



10.3370, 16.5952, 2.6584



8.4187, 16.5952, 42.3647



22.8433, 16.5952, 57.6430



26.5025, 16.5952, 5.4718

Rectangle

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



10.3370, 16.5952, 2.6584



7.2259, 16.5952, 15.4030



22.8433, 16.5952, 57.6430



29.2885, 16.5952, 21.0269

Sweetspot

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



10.3374, 16.5959, 2.6588



28.3522, 34.4271, 21.6814



10.0225, 7.0515, 0.8331



6.4627, 7.9787, 4.6717



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.3374, 16.5959, 2.6588



18.3378, 29.6288, 4.7524



7.7225, 15.2479, 2.5364



4.4941, 4.9312, 4.6351



10.4231, 16.7357, 2.6810



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.3530, 2.3172, 20.2448



9.4209, 4.0642, 36.2442



11.0895, 5.2744, 20.5132



4.2687, 4.2941, 5.4171



5.3965, 2.3357, 20.4164



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.3370, 16.5952, 2.6584 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 10.3370, 16.5952, 2.6584 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 10.3370, 16.5952, 2.6584

Background



This preview shows how black text looks on a background with the XYZ color 10.3370, 16.5952, 2.6584.



This preview shows how white text looks on a background with the XYZ color 10.3370, 16.5952,

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

10.3370, 16.5952, 2.6584

Protanopia

14.6575, 16.3223, 2.3780

Deuteranopia

16.5885, 16.3364, 3.1986



Tritanopia

14.3992, 16.5901, 22.8654

Trichromacy



Original Color

10.3370, 16.5952, 2.6584

Protanomaly

12.5418, 16.0827, 2.4432

Deuteranomaly

13.4470, 15.8539, 2.8416

Tritanomaly

11.8899, 16.1078, 10.2670

Monochromacy



Original Color

10.3370, 16.5952, 2.6584

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.1245, 12.9270, 6.3764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3370, 16.5952, 2.6584 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(73, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(73, 127, 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(73, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 127, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.3370, 16.5952, 2.6584 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(73, 127, 0) }
```


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

```
.border{ border-color:rgb(73, 127, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 127, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(73, 127, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.3370, 16.5952, 2.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 127, 0) }
```

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

```
.background{ background-color: rgb(73, 127,  
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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