

Converting Colors

XYZ(10.6015, 16.3035, 4.3793)

Have a look what the booklet for
XYZ(10.6015, 16.3035, 4.3793)
contains.

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Color

**XYZ(10.5692, 16.2967,
4.3388)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7D25
RGB	75, 125, 37
RGB Percent	29%, 49%, 15%
CMY	0.7059, 0.5098, 0.8549
CMYK	0.40, 0.00, 0.70, 0.51
HSL	94°, 54%, 32%
HSV	94°, 70%, 49%
XYZ	10.5692, 16.2967, 4.3388
YIQ	100.0180, -1.5520, -37.9680

Conversions

Conversions Part 2

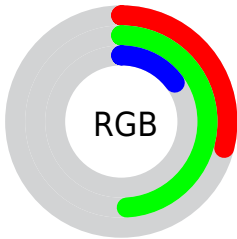
Format	Color
RYB	37, 125, 87
Decimal	4947237
CIELab	47.36, -32.67, 40.93
CIELCh	47, 52.371, 128.596
Yxy	16.2967, 0.3387, 0.5223
Android (android.graphics.Color)	4283137317 (0xFF4B7D25)
YUV	100.0180, -31.0679, -21.9408
Hunter-Lab	40.3692, -23.9123, 21.8860

Details

The XYZ color **10.5692, 16.2967, 4.3388** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **8.2946, 4.8306, 19.8982**, and the grayscale version is **12.1952, 12.8303, 13.9722**.

A 20% lighter version of the original color is **26.5428, 37.1181, 14.7824**, and **2.8470, 5.2027, 0.8542** is the 20% darker color. If you saturate the color by 10%, you get **9.8808, 15.9613, 3.4519**, and if you desaturate by 10%, it is **11.3876, 16.6924, 5.5835**.

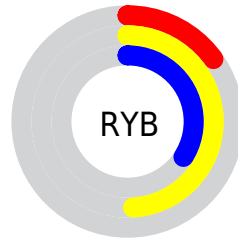
Distribution



Red (29%)

Green (49%)

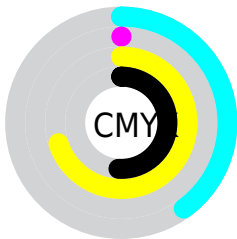
Blue (15%)



Red (15%)

Yellow (49%)

Blue (34%)

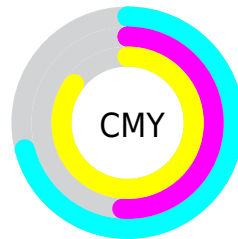


Cyan (40%)

Magenta (0%)

Yellow (70%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5692, 16.2967, 4.3388 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 10.5692, 16.2967, 4.3388 by changing the saturation by 10% instead.

■ 10.5692, 16.2967,
4.3388

■ 10.5692, 16.2967,
4.3388

188.6576,
231.0862, 151.9198

■ 5.8431, 9.7343,
1.8130

■ 26.5008, 37.1125,
14.7839

■ 2.7897, 5.2232,
0.4365

■ 38.4370, 52.1348,
23.5402

■ 1.0435, 2.3788,
0.0000

■ 53.5074, 70.7458,
35.2105

■ 0.0000, 0.8149,
0.0000

■ 72.0771, 93.3300,
50.2133

■ 0.0000, 0.0000,
0.0000

■ 94.5117, 120.2717,
68.9671

■ 121.1764,

151.9554, 91.8904

152.4366,
188.7654, 119.4018

■ 10.5692, 16.2967,
4.3388

■ 10.5692, 16.2967,
4.3388

■ 9.8808, 15.9613,
3.4519

■ 11.3876, 16.6924,
5.5835

■ 9.3122, 15.6801,
2.8837

■ 12.3432, 17.1498,
7.2177

■ 8.8539, 15.4515,
2.5158

■ 13.4435, 17.6728,
9.2706

■ 14.6953, 18.2641,
11.7685

■ 16.1049, 18.9266,
14.7356

■ 17.6782, 19.6627,
18.1942

■ 19.4207, 20.4750,
22.1652

■ 21.3378, 21.3655,
26.6683

■ 23.4344, 22.3367,
31.7222

Harmonies

Analogous

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



14.1955, 16.2967, 2.5822



10.5692, 16.2967, 4.3388



8.5863, 16.2967, 9.9655

Triad

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



10.5692, 16.2967, 4.3388



12.4599, 16.2967, 53.6865



26.0763, 16.2967, 14.1967

Complementary

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



10.5692, 16.2967, 4.3388



8.2946, 4.8306, 19.8982

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.



25.3550, 16.2967, 28.7818



10.5692, 16.2967, 4.3388



16.8599, 16.2967, 56.8280

Square

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



10.5692, 16.2967, 4.3388



9.5168, 16.2967, 38.8999



21.7398, 16.2967, 46.0960



23.5497, 16.2967, 6.1108

Rectangle

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



10.5692, 16.2967, 4.3388



8.1800, 16.2967, 17.1264



21.7398, 16.2967, 46.0960



26.2144, 16.2967, 18.3769

Sweetspot

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



10.5696, 16.2974, 4.3392



28.5442, 33.7532, 25.7544



12.1895, 11.2891, 3.2871



6.3613, 7.6159, 5.5779



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



10.5696, 16.2974, 4.3392



17.0944, 28.2861, 5.5427



8.5307, 15.2348, 4.7640



4.4384, 4.9025, 4.6325



9.2325, 16.1219, 2.6252



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.2946, 4.8306, 19.8982



12.7106, 6.3388, 35.2980



12.4575, 7.0187, 18.1939



4.3244, 4.3228, 5.4197



6.5695, 2.9404, 20.4712



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.5692, 16.2967, 4.3388 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 10.5692, 16.2967, 4.3388 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 10.5692, 16.2967, 4.3388

Background



This preview shows how black text looks on a background with the XYZ color 10.5692, 16.2967, 4.3388.



This preview shows how white text looks on a background with the XYZ color 10.5692, 16.2967,

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

10.5692, 16.2967, 4.3388

Protanopia

14.5404, 16.0638, 3.8476

Deuteranopia

16.2561, 15.9789, 4.6103



Tritanopia

14.1517, 16.3036, 22.1397

Trichromacy



Original Color

10.5692, 16.2967, 4.3388

Protanomaly

12.7281, 15.9697, 4.0017

Deuteranomaly

13.5078, 15.6834, 4.4131

Tritanomaly

12.3041, 16.0801, 13.0449

Monochromacy



Original Color

10.5692, 16.2967, 4.3388

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.1226, 13.6972, 9.0788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5692, 16.2967, 4.3388 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(75, 125, 37)` looks like.

```
.text, #text, p{  
    color:rgb(75, 125, 37)  
}
```

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(75, 125, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 125, 37) }
```

Border

The CSS property to change the border of an element to XYZ 10.5692, 16.2967, 4.3388 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(75, 125, 37) }
```


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

```
.border{ border-color:rgb(75, 125, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 125, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 125, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 125, 37);  
box-shadow:4px 4px 4px 4px rgb(75, 125,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5692, 16.2967, 4.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 125, 37) }
```

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

```
.background{ background-color: rgb(75, 125,  
37) }
```

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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