

Converting Colors

XYZ(10.6605, 15.3001, 8.7135)

Have a look what the booklet for
XYZ(10.6605, 15.3001, 8.7135)
contains.

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Color

**XYZ(10.6667, 15.3304,
8.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	497849
RGB	73, 120, 73
RGB Percent	29%, 47%, 29%
CMY	0.7137, 0.5294, 0.7137
CMYK	0.39, 0.00, 0.39, 0.53
HSL	120°, 24%, 38%
HSV	120°, 39%, 47%
XYZ	10.6667, 15.3304, 8.7002
YIQ	100.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

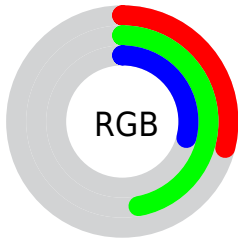
Format	Color
RYB	73, 120, 120
Decimal	4814921
CIELab	46.08, -26.43, 20.90
CIELCh	46, 33.690, 141.662
Yxy	15.3304, 0.3074, 0.4418
Android (android.graphics.Color)	4283005001 (0xFF497849)
YUV	100.5890, -13.6014, -24.1956
Hunter-Lab	39.1541, -19.8910, 14.2333

Details

The XYZ color **10.6667, 15.3304, 8.7002** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.5189, 10.1145, 19.0096**, and the grayscale version is **12.3003, 12.9409, 14.0927**.

A 20% lighter version of the original color is **26.7686, 35.5774, 23.8686**, and **2.8395, 4.7845, 1.8725** is the 20% darker color. If you saturate the color by 10%, you get **9.4836, 14.7625, 6.7647**, and if you desaturate by 10%, it is **12.1029, 16.0207, 11.0490**.

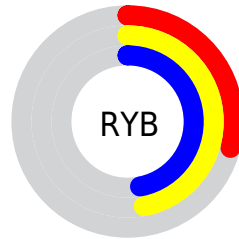
Distribution



Red (29%)

Green (47%)

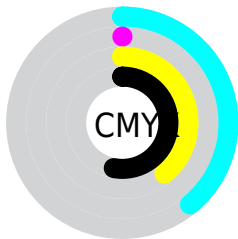
Blue (29%)



Red (29%)

Yellow (47%)

Blue (47%)

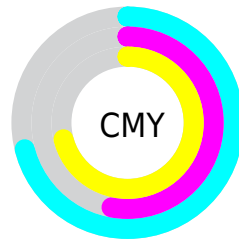


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (53%)



Cyan (71%)


Magenta (53%)


Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6667, 15.3304, 8.7002 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 10.6667, 15.3304, 8.7002 by changing the saturation by 10% instead.


 10.6667, 15.3304,
8.7002


 10.6667, 15.3304,
8.7002


189.3223,
225.3574, 191.2604


 5.9088, 9.0516,
4.4520


 26.6806, 35.4318,
23.8885


 2.8298, 4.7749,
1.8765


 38.6674, 50.0231,
35.6658


 1.0644, 2.1158,
0.4777

 53.7945, 68.1541,
50.7898

 0.0000, 0.6735,
0.0000

 72.4272, 90.2091,
69.6791

 0.0000, 0.0000,
0.0000

 94.9310, 116.5726,
92.7523

121.6713,

147.6288, 120.4279

153.0132,
183.7623, 153.1244

■ 10.6667, 15.3304,
8.7002

■ 10.6667, 15.3304,
8.7002

■ 9.4836, 14.7625,
6.7647

■ 12.1029, 16.0207,
11.0490

■ 8.5378, 14.3082,
5.2177

■ 13.8044, 16.8380,
13.8321

■ 7.8136, 13.9604,
4.0332

■ 15.7840, 17.7889,
17.0701

■ 7.2931, 13.7104,
3.1818

■ 18.0534, 18.8791,
20.7821

■ 6.9554, 13.5481,
2.6293

■ 20.6236, 20.1137,
24.9862

■ 6.7347, 13.4421,
2.2684

■ 23.5051, 21.4978,
29.6993

■ 6.7168, 13.4335,
2.2390

■ 26.7077, 23.0362,
34.9378

■ 30.2410, 24.7334,
40.7170

■ 34.1141, 26.5938,
47.0520

Harmonies

Analogous

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



12.6326, 15.3304, 5.9112



10.6667, 15.3304, 8.7002



9.7761, 15.3304, 14.5095

Triad

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



10.6667, 15.3304, 8.7002



13.7876, 15.3304, 37.6470



20.3075, 15.3304, 11.5240

Complementary

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



10.6667, 15.3304, 8.7002



13.5189, 10.1145, 19.0096

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.



20.7226, 15.3304, 19.0835



10.6667, 15.3304, 8.7002



16.6984, 15.3304, 36.0425

Square

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



10.6667, 15.3304, 8.7002



11.4171, 15.3304, 32.3577



19.3280, 15.3304, 28.5015



18.2583, 15.3304, 7.1305

Rectangle

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



10.6667, 15.3304, 8.7002



9.8186, 15.3304, 20.0852



19.3280, 15.3304, 28.5015



20.6526, 15.3304, 13.7046

Sweetspot

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



10.6671, 15.3310, 8.7005



26.6177, 30.7376, 28.1535



15.6654, 17.9078, 8.9343



6.2252, 7.2447, 6.5364



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.6671, 15.3310, 8.7005



16.8712, 26.0558, 12.2113



11.5989, 15.7038, 13.6076



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6508

Inverse Universe

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



13.5189, 10.1145, 19.0096



22.6367, 15.5095, 33.0531



12.2631, 9.6122, 12.3968



4.1545, 4.0775, 5.0112



12.1485, 5.8355, 19.8707



57.9495, 27.8361, 94.7848

Previews

White Background



This preview shows how the XYZ color 10.6667, 15.3304, 8.7002 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 10.6667, 15.3304, 8.7002 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 10.6667, 15.3304, 8.7002

Background



This preview shows how black text looks on a background with the XYZ color 10.6667, 15.3304, 8.7002.



This preview shows how white text looks on a background with the XYZ color 10.6667, 15.3304,

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

10.6667, 15.3304, 8.7002

Protanopia

14.0140, 15.2185, 7.8291

Deuteranopia

15.3431, 15.1036, 9.1278



Tritanopia

13.1597, 15.3037, 20.9992

Trichromacy



Original Color

10.6667, 15.3304, 8.7002

Protanomaly

12.4901, 15.0772, 8.0462

Deuteranomaly

13.1871, 14.9249, 9.0232

Tritanomaly

12.0196, 15.1730, 15.6598

Monochromacy



Original Color

10.6667, 15.3304, 8.7002

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.5653, 13.7046, 11.9332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6667, 15.3304, 8.7002 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, 120, 73)` looks like.

```
.text, #text, p{  
    color:rgb(73, 120, 73)  
}
```

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, 120, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 120, 73) }
```

Border

The CSS property to change the border of an element to XYZ 10.6667, 15.3304, 8.7002 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, 120, 73) }
```


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

```
.border{ border-color:rgb(73, 120, 73) }
```

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

Here you see how a box with a 4 pixel rgb(73, 120, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 120, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 120, 73);  
box-shadow:4px 4px 4px 4px rgb(73, 120,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6667, 15.3304, 8.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 120, 73) }
```

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

```
.background{ background-color: rgb(73, 120,  
73) }
```

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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