

Converting Colors

XYZ(11.6986, 15.4637, 10.7404)

Have a look what the booklet for
XYZ(11.6986, 15.4637, 10.7404)
contains.

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Color

**XYZ(11.7348, 15.4818,
10.7573)**

Conversions

Conversions Part 1

Format	Color
Hex	547654
RGB	84, 118, 84
RGB Percent	33%, 46%, 33%
CMY	0.6706, 0.5372, 0.6706
CMYK	0.29, 0.00, 0.29, 0.54
HSL	120°, 17%, 40%
HSV	120°, 29%, 46%
XYZ	11.7348, 15.4818, 10.7573
YIQ	103.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

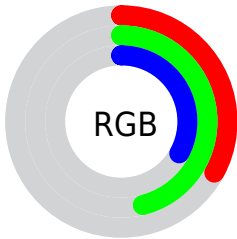
Format	Color
R_{YB}	84, 118, 118
Decimal	5535316
CIE _{Lab}	46.29, -19.51, 14.93
CIE _{LCh}	46, 24.568, 142.565
Yxy	15.4818, 0.3090, 0.4077
Android (android.graphics.Color)	4283725396 (0xFF547654)
YUV	103.9580, -9.8393, -17.5032
Hunter-Lab	39.3469, -15.6214, 11.3332

Details

The XYZ color **11.7348, 15.4818, 10.7573** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.9120, 11.5005, 18.6266**, and the grayscale version is **13.1745, 13.8606, 15.0942**.

A 20% lighter version of the original color is **28.5093, 35.5390, 27.9114**, and **3.2573, 4.7960, 2.6735** is the 20% darker color. If you saturate the color by 10%, you get **10.3424, 14.8134, 8.4795**, and if you desaturate by 10%, it is **13.3838, 16.2744, 13.4542**.

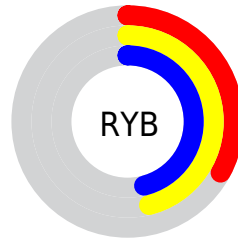
Distribution



Red (33%)

Green (46%)

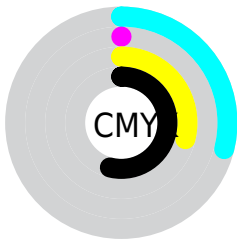
Blue (33%)



Red (33%)

Yellow (46%)

Blue (46%)

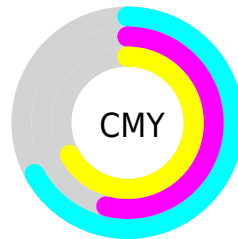


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (54%)



Cyan (67%)

Magenta (54%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7348, 15.4818, 10.7573 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 11.7348, 15.4818, 10.7573 by changing the saturation by 10% instead.

■ 11.7348, 15.4818,
10.7573

■ 11.7348, 15.4818,
10.7573

196.4476,
226.2642, 206.6721

■ 6.6343, 9.1582,
5.7918

■ 28.6322, 35.6962,
27.8403

■ 3.2787, 4.8445,
2.6521

■ 41.1599, 50.3558,
40.7948

■ 1.3028, 2.1563,
0.9192

■ 56.8939, 68.5629,
57.2493

■ 0.1853, 0.6960,
0.0000

■ 76.1997, 90.7019,
77.6225

■ 0.0000, 0.0000,
0.0000

■ 99.4426, 117.1571,
102.3328

126.9880,

148.3129, 131.7989

159.2012,
184.5538, 166.4391

■ 11.7348, 15.4818,
10.7573

■ 11.7348, 15.4818,
10.7573

■ 10.3424, 14.8134,
8.4795

■ 13.3838, 16.2744,
13.4542

■ 9.1927, 14.2612,
6.5990

■ 15.3002, 17.1949,
16.5888

■ 8.2721, 13.8190,
5.0932

■ 17.4956, 18.2495,
20.1796

■ 7.5653, 13.4795,
3.9370

■ 19.9804, 19.4430,
24.2440

■ 7.0551, 13.2344,
3.1024

■ 22.7647, 20.7805,
28.7981

■ 6.7216, 13.0742,
2.5569

■ 25.8580, 22.2664,
33.8576

■ 6.5039, 12.9696,
2.2008

■ 29.2693, 23.9050,
39.4374

■ 6.4788, 12.9575,
2.1597

■ 33.0075, 25.7006,
45.5516

■ 37.0808, 27.6573,
52.2141

Harmonies

Analogous

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



13.2187, 15.4818, 8.2717



11.7348, 15.4818, 10.7573



11.0618, 15.4818, 15.4039

Triad

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



11.7348, 15.4818, 10.7573



14.1984, 15.4818, 31.1279



18.7694, 15.4818, 12.7959

Complementary

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



11.7348, 15.4818, 10.7573



13.9120, 11.5005, 18.6266

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.



19.0951, 15.4818, 18.3988



11.7348, 15.4818, 10.7573



16.3202, 15.4818, 29.9562

Square

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



11.7348, 15.4818, 10.7573



12.3936, 15.4818, 27.8132



18.1613, 15.4818, 24.9126



17.3096, 15.4818, 9.2384

Rectangle

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



11.7348, 15.4818, 10.7573



11.1138, 15.4818, 19.5013



18.1613, 15.4818, 24.9126



19.0204, 15.4818, 14.4634

Sweetspot

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



11.7352, 15.4825, 10.7576



26.7542, 30.1621, 28.9262



15.5506, 17.4494, 10.9360



6.0548, 6.8884, 6.4930



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.7352, 15.4825, 10.7576



18.8599, 26.3700, 16.0138



12.4840, 15.7820, 14.7005



3.6406, 4.0982, 3.9415



7.0088, 14.0175, 2.3364



34.1546, 68.3091, 11.3851

Inverse Universe

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



13.9120, 11.5005, 18.6266



23.3911, 18.0813, 32.3935



12.9910, 11.1320, 13.7763



3.8266, 3.7579, 4.6139



11.6203, 5.5818, 19.0063



56.6269, 27.2009, 92.6197

Previews

White Background



This preview shows how the XYZ color 11.7348, 15.4818, 10.7573 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 11.7348, 15.4818, 10.7573 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 11.7348, 15.4818, 10.7573

Background



This preview shows how black text looks on a background with the XYZ color 11.7348, 15.4818, 10.7573.



This preview shows how white text looks on a background with the XYZ color 11.7348, 15.4818,

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

11.7348, 15.4818, 10.7573

Protanopia

14.2527, 15.2984, 9.7911

Deuteranopia

15.5243, 15.3033, 11.1524



Tritanopia

13.7324, 15.4395, 20.6687

Trichromacy



Original Color

11.7348, 15.4818, 10.7573

Protanomaly

13.1051, 15.1857, 10.0250

Deuteranomaly

13.8112, 15.2033, 11.0107

Tritanomaly

12.8620, 15.4189, 16.4856

Monochromacy



Original Color

11.7348, 15.4818, 10.7573

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.5561, 14.3417, 13.4157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7348, 15.4818, 10.7573 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(84, 118, 84)` looks like.

```
.text, #text, p{  
    color:rgb(84, 118, 84)  
}
```

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(84, 118, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 118, 84) }
```

Border

The CSS property to change the border of an element to XYZ 11.7348, 15.4818, 10.7573 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(84, 118, 84) }
```


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

```
.border{ border-color:rgb(84, 118, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 118, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 118, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 118, 84);  
box-shadow:4px 4px 4px 4px rgb(84, 118,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7348, 15.4818, 10.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 118, 84) }
```

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

```
.background{ background-color: rgb(84, 118,  
84) }
```

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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