

Converting Colors

XYZ(10.9781, 15.4333, 3.2645)

Have a look what the booklet for
XYZ(10.9781, 15.4333, 3.2645)
contains.

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Color

**XYZ(10.9781, 15.4333,
3.2645)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7718
RGB	90, 119, 24
RGB Percent	35%, 47%, 9%
CMY	0.6471, 0.5333, 0.9059
CMYK	0.24, 0.00, 0.80, 0.53
HSL	78°, 66%, 28%
HSV	78°, 80%, 47%
XYZ	10.9781, 15.4333, 3.2645
YIQ	99.4990, 13.2110, -35.6930

Conversions

Conversions Part 2

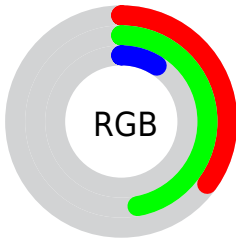
Format	Color
R_{YB}	24, 119, 53
Decimal	5928728
CIE Lab	46.22, -24.70, 45.15
CIE LCh	46, 51.461, 118.681
Yxy	15.4333, 0.3699, 0.5201
Android (android.graphics.Color)	4284118808 (0xFF5A7718)
YUV	99.4990, -37.2210, -8.3306
Hunter-Lab	39.2852, -18.8681, 22.5728

Details

The XYZ color **10.9781, 15.4333, 3.2645** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.1254, 2.7426, 17.7130**, and the grayscale version is **12.0753, 12.7041, 13.8348**.

A 20% lighter version of the original color is **27.1951, 35.4873, 12.2539**, and **3.1046, 4.8517, 0.7728** is the 20% darker color. If you saturate the color by 10%, you get **10.5357, 15.2170, 2.7331**, and if you desaturate by 10%, it is **11.4927, 15.6815, 4.0826**.

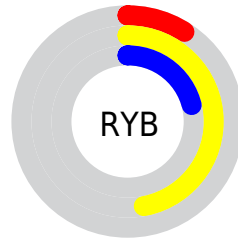
Distribution



Red (35%)

Green (47%)

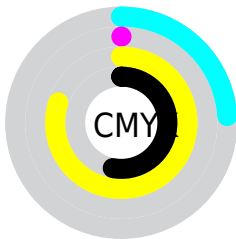
Blue (9%)



Red (9%)

Yellow (47%)

Blue (21%)

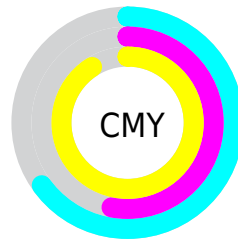


Cyan (24%)

Magenta (0%)

Yellow (80%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9781, 15.4333, 3.2645 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 10.9781, 15.4333, 3.2645 by changing the saturation by 10% instead.

■ 10.9781, 15.4333,
3.2645

■ 10.9781, 15.4333,
3.2645

191.4286,
225.9741, 139.6612

■ 6.1193, 9.1240,
1.2312

■ 27.2530, 35.6115,
12.2744

■ 2.9591, 4.8222,
0.0044

■ 39.3998, 50.2493,
20.0881

■ 1.1322, 2.1433,
0.0000

■ 54.7066, 68.4321,
30.6658

■ 0.0518, 0.6888,
0.0000

■ 73.5388, 90.5442,
44.4258

■ 0.0000, 0.0000,
0.0000

■ 96.2617, 116.9700,
61.7869

■ 123.2408,

148.0940, 83.1674

154.8413,
184.3006, 108.9860

10.9781, 15.4333,
3.2645

10.9781, 15.4333,
3.2645

10.5357, 15.2170,
2.7331

11.4927, 15.6815,
4.0826

10.1420, 15.0217,
2.3708

12.0848, 15.9622,
5.2193

10.1354, 15.0184,
2.3647

12.7606, 16.2784,
6.7038

13.5250, 16.6322,
8.5612

14.3826, 17.0253,
10.8146

■ 15.3378, 17.4596,
13.4852

■ 16.3944, 17.9366,
16.5927

■ 17.5562, 18.4579,
20.1555

■ 18.8266, 19.0248,
24.1908

Harmonies

Analogous

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



14.8641, 15.4333, 2.3687



10.9781, 15.4333, 3.2645



8.5732, 15.4333, 7.1078

Triad

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



10.9781, 15.4333, 3.2645



10.7029, 15.4333, 47.0857



24.8335, 15.4333, 17.3670

Complementary

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



10.9781, 15.4333, 3.2645



5.1254, 2.7426, 17.7130

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.



23.1295, 15.4333, 32.7693



10.9781, 15.4333, 3.2645



14.4754, 15.4333, 54.4282

Square

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



10.9781, 15.4333, 3.2645



8.4380, 15.4333, 31.2874



19.1061, 15.4333, 48.2007



23.3938, 15.4333, 7.6650

Rectangle

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



10.9781, 15.4333, 3.2645



7.8493, 15.4333, 12.4907



19.1061, 15.4333, 48.2007



24.6041, 15.4333, 22.0115

Sweetspot

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



10.9785, 15.4340, 3.2648



26.6242, 30.8824, 21.7652



9.0237, 6.4894, 1.6414



6.1928, 7.2656, 4.8335



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.



10.9785, 15.4340, 3.2648



18.2724, 26.9521, 4.4179



7.7586, 13.7741, 3.1141



3.8630, 4.2129, 3.9518



10.7577, 15.9502, 2.5117



51.5215, 77.2621, 12.1976

Inverse Universe

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



5.1254, 2.7426, 17.7130



7.4369, 3.2453, 31.4875



8.9126, 4.6950, 17.8903



3.5961, 3.6391, 4.6031



4.3140, 1.8153, 18.6656



20.2439, 8.4446, 90.9233

Previews

White Background



This preview shows how the XYZ color 10.9781, 15.4333, 3.2645 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 10.9781, 15.4333, 3.2645 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 10.9781, 15.4333, 3.2645

Background



This preview shows how black text looks on a background with the XYZ color 10.9781, 15.4333, 3.2645.



This preview shows how white text looks on a background with the XYZ color 10.9781, 15.4333,

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

10.9781, 15.4333, 3.2645

Protanopia

13.8891, 15.4207, 3.0035

Deuteranopia

15.5276, 15.3233, 3.5058



Tritanopia

14.3301, 15.4343, 19.9931

Trichromacy



Original Color

10.9781, 15.4333, 3.2645

Protanomaly

12.6153, 15.2516, 3.0896

Deuteranomaly

13.4361, 15.0191, 3.3532

Tritanomaly

12.4809, 15.1773, 10.8660

Monochromacy



Original Color

10.9781, 15.4333, 3.2645

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.2513, 13.4701, 8.1379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9781, 15.4333, 3.2645 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(90, 119, 24)` looks like.

```
.text, #text, p{  
    color:rgb(90, 119, 24)  
}
```

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(90, 119, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 119, 24) }
```

Border

The CSS property to change the border of an element to XYZ 10.9781, 15.4333, 3.2645 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(90, 119, 24) }
```


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

```
.border{ border-color:rgb(90, 119, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 119, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 119, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 119, 24);  
box-shadow:4px 4px 4px 4px rgb(90, 119,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9781, 15.4333, 3.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 119, 24) }
```

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

```
.background{ background-color: rgb(90, 119,  
24) }
```

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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