

Converting Colors

XYZ(10.1642, 15.4988, 9.2218)

Have a look what the booklet for
XYZ(10.1642, 15.4988, 9.2218)
contains.

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Color

**XYZ(10.1275, 15.4015,
9.2765)**

Conversions

Conversions Part 1

Format	Color
Hex	3C7A4C
RGB	60, 122, 76
RGB Percent	24%, 48%, 30%
CMY	0.7647, 0.5216, 0.7020
CMYK	0.51, 0.00, 0.38, 0.52
HSL	135°, 34%, 36%
HSV	135°, 51%, 48%
XYZ	10.1275, 15.4015, 9.2765
YIQ	98.2180, -22.1860, -27.4500

Conversions

Conversions Part 2

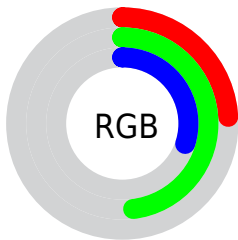
Format	Color
R_{YB}	60, 109, 122
Decimal	3963468
CIE _{Lab}	46.18, -30.97, 19.20
CIE _{LCh}	46, 36.441, 148.203
Yxy	15.4015, 0.2910, 0.4425
Android (android.graphics.Color)	4282153548 (0xFF3C7A4C)
YUV	98.2180, -10.9535, -33.5172
Hunter-Lab	39.2447, -22.6146, 13.4566

Details

The XYZ color **10.1275, 15.4015, 9.2765** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.2439, 8.4102, 14.6141**, and the grayscale version is **11.6945, 12.3035, 13.3985**.

A 20% lighter version of the original color is **25.7137, 35.5854, 24.9154**, and **2.6424, 4.8705, 2.0971** is the 20% darker color. If you saturate the color by 10%, you get **9.1810, 14.9478, 7.7036**, and if you desaturate by 10%, it is **11.2891, 15.9618, 11.0913**.

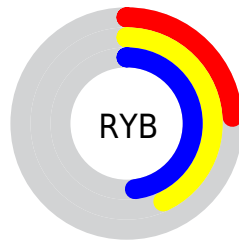
Distribution



Red (24%)

Green (48%)

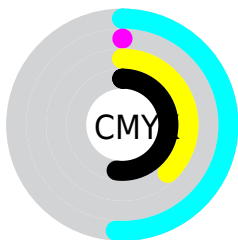
Blue (30%)



Red (24%)

Yellow (43%)

Blue (48%)

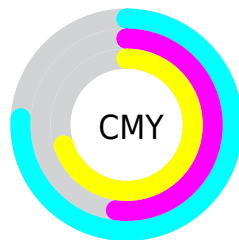


Cyan (51%)

Magenta (0%)

Yellow (38%)

Black (52%)



Cyan (76%)

Magenta (52%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1275, 15.4015, 9.2765 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 10.1275, 15.4015, 9.2765 by changing the saturation by 10% instead.

■ 10.1275, 15.4015,
9.2765

■ 10.1275, 15.4015,
9.2765

185.6143,
225.7837, 195.7208

■ 5.5465, 9.1017,
4.8227

■ 25.6825, 35.5560,
25.0117

■ 2.6094, 4.8075,
2.0867

■ 37.3873, 50.1795,
37.1301

■ 0.9507, 2.1348,
0.6078

■ 52.1973, 68.3462,
52.6405

■ 0.0000, 0.6841,
0.0000

■ 70.4780, 90.4407,
71.9614

■ 0.0000, 0.0000,
0.0000

■ 92.5947, 116.8473,
95.5113

■ 118.9127,

147.9504, 123.7088

149.7975,
184.1344, 156.9725

■ 10.1275, 15.4015,
9.2765

■ 10.1275, 15.4015,
9.2765

■ 9.1810, 14.9478,
7.7036

■ 11.2891, 15.9618,
11.0913

■ 8.4346, 14.5920,
6.3614

■ 12.6771, 16.6331,
13.1567

■ 7.8735, 14.3270,
5.2392

■ 14.3033, 17.4216,
15.4821

■ 7.4800, 14.1440,
4.3250

■ 16.1784, 18.3328,
18.0760

■ 7.2136, 14.0211,
3.6562

■ 18.3124, 19.3716,
20.9468

■ 20.7149, 20.5427,
24.1023

■ 23.3947, 21.8507,
27.5502

■ 26.3605, 23.2998,
31.2976

■ 29.6205, 24.8940,
35.3516

Harmonies

Analogous

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



11.9941, 15.4015, 5.7627



10.1275, 15.4015, 9.2765



9.4448, 15.4015, 16.2392

Triad

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



10.1275, 15.4015, 9.2765



14.4523, 15.4015, 40.3272



20.5567, 15.4015, 9.9164

Complementary

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



10.1275, 15.4015, 9.2765



12.2439, 8.4102, 14.6141

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.



21.4548, 15.4015, 17.3115



10.1275, 15.4015, 9.2765



17.6459, 15.4015, 36.8058

Square

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



10.1275, 15.4015, 9.2765



11.7124, 15.4015, 35.9077



20.3228, 15.4015, 27.4904



18.0157, 15.4015, 6.0298

Rectangle

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



10.1275, 15.4015, 9.2765



9.6674, 15.4015, 22.6992



20.3228, 15.4015, 27.4904



21.0752, 15.4015, 11.9746

Sweetspot

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



10.1279, 15.4021, 9.2768



26.9079, 31.4963, 29.6679



13.7791, 17.3409, 6.8960



6.0262, 7.1403, 6.6087



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.



10.1279, 15.4021, 9.2768



15.9111, 26.1817, 13.1352



11.4510, 15.9314, 16.2445



3.9894, 4.4654, 4.4781



7.5914, 14.7602, 3.8330



35.9104, 70.2872, 16.6979

Inverse Universe

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



12.2439, 8.4102, 14.6141



20.0726, 12.3868, 23.6000



10.9295, 7.8844, 7.6927



4.1124, 4.0607, 4.7896



10.4129, 5.1413, 10.7309



49.3099, 24.3803, 49.2895

Previews

White Background



This preview shows how the XYZ color 10.1275, 15.4015, 9.2765 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 10.1275, 15.4015, 9.2765 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 10.1275, 15.4015, 9.2765

Background



This preview shows how black text looks on a background with the XYZ color 10.1275, 15.4015, 9.2765.



This preview shows how white text looks on a background with the XYZ color 10.1275, 15.4015,

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

10.1275, 15.4015, 9.2765

Protanopia

14.0772, 15.2438, 8.1616

Deuteranopia

15.4515, 15.1469, 9.6987



Tritanopia

12.6195, 15.3492, 21.6996

Trichromacy



Original Color

10.1275, 15.4015, 9.2765

Protanomaly

12.1497, 15.0571, 8.5693

Deuteranomaly

12.8046, 14.8764, 9.5937

Tritanomaly

11.5162, 15.2473, 16.2460

Monochromacy



Original Color

10.1275, 15.4015, 9.2765

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.7593, 13.1384, 11.6417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1275, 15.4015, 9.2765 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(60, 122, 76)` looks like.

```
.text, #text, p{  
    color:rgb(60, 122, 76)  
}
```

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(60, 122, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 122, 76) }
```

Border

The CSS property to change the border of an element to XYZ 10.1275, 15.4015, 9.2765 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(60, 122, 76) }
```


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

```
.border{ border-color:rgb(60, 122, 76) }
```

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

Here you see how a box with a 4 pixel rgb(60, 122, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 122, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 122, 76);  
box-shadow:4px 4px 4px 4px rgb(60, 122,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1275, 15.4015, 9.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 122, 76) }
```

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

```
.background{ background-color: rgb(60, 122,  
76) }
```

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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