

Converting Colors

XYZ(15.5423, 21.6376, 10.8424)

Have a look what the booklet for
XYZ(15.5423, 21.6376, 10.8424)
contains.

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Color

**XYZ(15.4678, 21.5165,
10.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	608B4F
RGB	96, 139, 79
RGB Percent	38%, 55%, 31%
CMY	0.6235, 0.4549, 0.6902
CMYK	0.31, 0.00, 0.43, 0.45
HSL	103°, 28%, 43%
HSV	103°, 43%, 55%
XYZ	15.4678, 21.5165, 10.7350
YIQ	119.3030, -6.3680, -27.7760

Conversions

Conversions Part 2

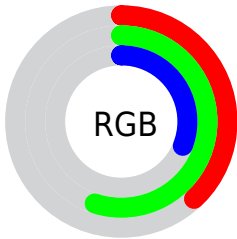
Format	Color
R_{YB}	79, 139, 122
Decimal	6327119
CIE _{Lab}	53.51, -26.63, 27.45
CIE _{LCh}	54, 38.246, 134.132
Yxy	21.5165, 0.3241, 0.4509
Android (android.graphics.Color)	4284517199 (0xFF608B4F)
YUV	119.3030, -19.8694, -20.4367
Hunter-Lab	46.3859, -21.6528, 18.7487

Details

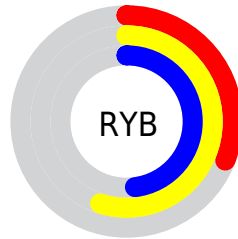
The XYZ color **15.4678, 21.5165, 10.7350** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.4830, 11.5942, 25.8490**, and the grayscale version is **17.6936, 18.6151, 20.2718**.

A 20% lighter version of the original color is **35.2452, 46.0208, 27.7942**, and **4.9736, 7.8354, 2.6891** is the 20% darker color. If you saturate the color by 10%, you get **14.0314, 20.8291, 8.2973**, and if you desaturate by 10%, it is **17.1439, 22.3165, 13.7371**.

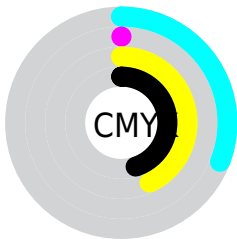
Distribution



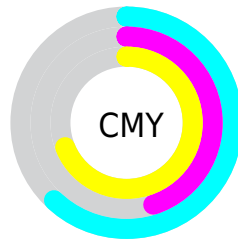
- Red (38%)
- Green (55%)
- Blue (31%)



- Red (31%)
- Yellow (55%)
- Blue (48%)



- Cyan (31%)
- Magenta (0%)
- Yellow (43%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4678, 21.5165, 10.7350 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 15.4678, 21.5165, 10.7350 by changing the saturation by 10% instead.

■ 15.4678, 21.5165,
10.7350

■ 15.4678, 21.5165,
10.7350

219.5132,
260.0108, 206.5121

■ 9.2368, 13.5021,
5.7770

■ 35.2367, 45.9456,
27.7982

■ 4.9543, 7.7752,
2.6434

■ 49.5054, 63.1290,
40.7405

■ 2.2550, 3.9514,
0.9147

■ 67.1840, 84.1375,
57.1813

■ 0.7715, 1.6464,
0.0000

■ 88.6378, 109.3556,
77.5392

■ 0.0000, 0.3886,
0.0000

■ 114.2323,
139.1675, 102.2327

■ 0.0000, 0.0000,
0.0000

144.3328,

173.9578, 131.6803

179.3046,
214.1108, 166.3006

■ 15.4678, 21.5165,
10.7350

■ 15.4678, 21.5165,
10.7350

■ 14.0314, 20.8291,
8.2973

■ 17.1439, 22.3165,
13.7371

■ 12.8216, 20.2465,
6.3875

■ 19.0690, 23.2313,
17.3345

■ 11.8262, 19.7637,
4.9666


■ 21.2536, 24.2663,
21.5573

■ 11.0311, 19.3747,
3.9901

■ 23.7072, 25.4258,
26.4335

■ 10.4204, 19.0721,
3.4049


■ 26.4388, 26.7139,
31.9890

 10.0842, 18.9049,
3.1175

 29.4571, 28.1344,
38.2486

 32.7701, 29.6911,
45.2358

 36.3858, 31.3876,
52.9728

 40.3118, 33.2272,
61.4811

Harmonies

Analogous

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



18.5976, 21.5165, 7.7138



15.4678, 21.5165, 10.7350



13.8046, 21.5165, 17.8145

Triad

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



15.4678, 21.5165, 10.7350



18.3832, 21.5165, 52.3033



29.0245, 21.5165, 18.3672

Complementary

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



15.4678, 21.5165, 10.7350



15.4830, 11.5942, 25.8490

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.



28.9470, 21.5165, 30.1115



15.4678, 21.5165, 10.7350



22.4231, 21.5165, 52.6045

Square

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



15.4678, 21.5165, 10.7350



15.3289, 21.5165, 42.7734



26.4032, 21.5165, 43.4956



26.6028, 21.5165, 11.0233

Rectangle

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



15.4678, 21.5165, 10.7350



13.5917, 21.5165, 25.0812



26.4032, 21.5165, 43.4956



29.2990, 21.5165, 21.8487

Sweetspot

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



15.4683, 21.5174, 10.7355



38.0112, 43.4319, 38.5084



19.0191, 19.9734, 10.2503



8.5702, 9.9185, 8.5047



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.4683, 21.5174, 10.7355



25.1350, 37.3037, 14.8719



14.3895, 20.9011, 13.4016



5.0963, 5.6724, 5.3787



9.1163, 17.0696, 2.8143



0.0734, 0.1200, 0.0193

Inverse Universe

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



15.4830, 11.5942, 25.8490



25.1443, 17.0462, 45.7080



17.2101, 12.5878, 21.2621



5.0981, 5.0590, 6.3136



8.9287, 4.1170, 22.3698



0.0737, 0.0348, 0.1493

Previews

White Background



This preview shows how the XYZ color 15.4678, 21.5165, 10.7350 looks on a white 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

Black Background



This preview shows how the XYZ color 15.4678, 21.5165, 10.7350 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4678, 21.5165, 10.7350

Background



This preview shows how black text looks on a background with the XYZ color 15.4678, 21.5165, 10.7350.



This preview shows how white text looks on a background with the XYZ color 15.4678, 21.5165,

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

15.4678, 21.5165, 10.7350

Protanopia

19.6746, 21.2622, 9.7237

Deuteranopia

21.6577, 21.3159, 11.1565



Tritanopia

19.0776, 21.5197, 28.7394

Trichromacy



Original Color

15.4678, 21.5165, 10.7350

Protanomaly

17.7330, 21.0395, 9.9639

Deuteranomaly

18.7579, 20.9531, 11.0383

Tritanomaly

17.4732, 21.4846, 20.6788

Monochromacy



Original Color

15.4678, 21.5165, 10.7350

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.5151, 19.3007, 15.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4678, 21.5165, 10.7350 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(96, 139, 79)` looks like.

```
.text, #text, p{  
    color:rgb(96, 139, 79)  
}
```

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(96, 139, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 139, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.4678, 21.5165, 10.7350 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(96, 139, 79) }
```


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

```
.border{ border-color:rgb(96, 139, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 139, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 139, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 139, 79);  
box-shadow:4px 4px 4px 4px rgb(96, 139,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4678, 21.5165, 10.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 139, 79) }
```

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

```
.background{ background-color: rgb(96, 139,  
79) }
```

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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