

Converting Colors

XYZ(15.9723, 21.9746, 14.3745)

Have a look what the booklet for
XYZ(15.9723, 21.9746, 14.3745)
contains.

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Color

**XYZ(15.9030, 21.8760,
14.4506)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 5C8C60 |
| RGB | 92, 140, 96 |
| RGB Percent | 36%, 55%, 38% |
| CMY | 0.6392, 0.4510, 0.6235 |
| CMYK | 0.34, 0.00, 0.31, 0.45 |
| HSL | 125°, 21%, 45% |
| HSV | 125°, 34%, 55% |
| XYZ | 15.9030, 21.8760, 14.4506 |
| YIQ | 120.6320, -14.4840, -23.8600 |

Conversions

Conversions Part 2

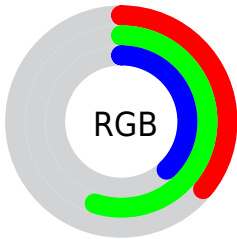
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 92, 136, 140 |
| Decimal | 6065248 |
| CIE _{Lab} | 53.90, -25.75, 18.49 |
| CIE _{LCh} | 54, 31.705, 144.321 |
| Yxy | 21.8760, 0.3045, 0.4188 |
| Android (android.graphics.Color) | 4284255328 (0xFF5C8C60) |
| YUV | 120.6320, -12.1436, -25.1103 |
| Hunter-Lab | 46.7718, -21.1584, 14.4220 |

Details

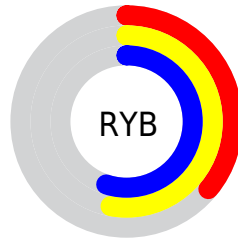
The XYZ color **15.9030, 21.8760, 14.4506** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.0870, 15.0077, 25.1841**, and the grayscale version is **18.0969, 19.0394, 20.7339**.

A 20% lighter version of the original color is **36.0598, 46.6194, 34.7017**, and **5.1230, 7.8801, 4.1567** is the 20% darker color. If you saturate the color by 10%, you get **14.0882, 21.0039, 11.5292**, and if you desaturate by 10%, it is **18.0739, 22.9218, 17.8931**.

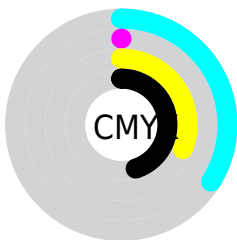
Distribution



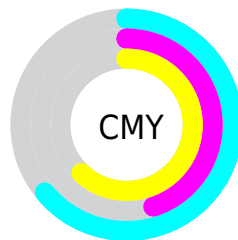
- Red (36%)
- Green (55%)
- Blue (38%)



- Red (36%)
- Yellow (53%)
- Blue (55%)



- Cyan (34%)
- Magenta (0%)
- Yellow (31%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9030, 21.8760, 14.4506 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 15.9030, 21.8760, 14.4506 by changing the saturation by 10% instead.

■ 15.9030, 21.8760,
14.4506

■ 15.9030, 21.8760,
14.4506

222.0503,
261.8980, 231.5414

■ 9.5460, 13.7658,
8.2924

■ 35.9885, 46.5410,
34.6150

■ 5.1589, 7.9580,
4.1922

■ 50.4477, 63.8645,
49.4583

■ 2.3765, 4.0681,
1.7314

■ 68.3384, 85.0280,
68.0337

■ 0.8334, 1.7117,
0.3821

■ 90.0258, 110.4158,
90.7598

■ 0.0000, 0.4312,
0.0000

115.8753,
140.4123, 118.0550

■ 0.0000, 0.0000,
0.0000

146.2523,

175.4019, 150.3380

181.5222,
215.7690, 188.0273

■ 15.9030, 21.8760,
14.4506

■ 15.9030, 21.8760,
14.4506

■ 14.0882, 21.0039,
11.5292

■ 18.0739, 22.9218,
17.8931

■ 12.6089, 20.2935,
9.1023

■ 20.6167, 24.1471,
21.8789

■ 11.4450, 19.7356,
7.1429


■ 23.5484, 25.5607,
26.4307


■ 10.5733, 19.3190,
5.6209


■ 26.8843, 27.1702,
31.5692


■ 9.9678, 19.0310,
4.5027


■ 30.6391, 28.9826,
37.3143


 9.5962, 18.8557,
3.7499

 34.8265, 31.0046,
43.6850

 9.4429, 18.7828,
3.4650

 39.4598, 33.2427,
50.6993

 44.5515, 35.7029,
58.3746

 50.1138, 38.3913,
66.7275

Harmonies

Analogous

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



18.2044, 21.8760, 10.4665



15.9030, 21.8760, 14.4506



14.9204, 21.8760, 22.0068

Triad

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



15.9030, 21.8760, 14.4506



20.1496, 21.8760, 47.8525



27.3664, 21.8760, 16.8851

Complementary

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



15.9030, 21.8760, 14.4506



19.0870, 15.0077, 25.1841

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.



28.0327, 21.8760, 25.7285



15.9030, 21.8760, 14.4506



23.6149, 21.8760, 45.3866

Square

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



15.9030, 21.8760, 14.4506



17.1940, 21.8760, 42.5868



26.5936, 21.8760, 36.5531



24.8610, 21.8760, 11.5790

Rectangle

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



15.9030, 21.8760, 14.4506



15.0585, 21.8760, 28.7787



26.5936, 21.8760, 36.5531



27.8236, 21.8760, 19.4650

Sweetspot

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



15.9036, 21.8769, 14.4511



38.3690, 43.5456, 41.7202



21.4641, 24.7642, 13.7740



8.6964, 9.9642, 9.3883



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.



15.9036, 21.8769, 14.4511



25.5568, 37.3751, 21.4918



17.1825, 22.3885, 21.1857



4.9877, 5.6146, 5.4562



8.3936, 16.6900, 3.0973



0.0577, 0.1116, 0.0307

Inverse Universe

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



19.0870, 15.0077, 25.1841



32.0311, 23.3974, 43.3149



17.5676, 14.4000, 17.1832



5.2162, 5.1219, 6.2268



13.0947, 6.3480, 18.8011



0.0895, 0.0432, 0.1379

Previews

White Background



This preview shows how the XYZ color 15.9030, 21.8760, 14.4506 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 15.9030, 21.8760, 14.4506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

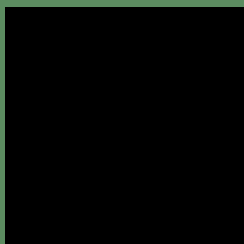
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.9030, 21.8760, 14.4506

Background



This preview shows how black text looks on a background with the XYZ color 15.9030, 21.8760, 14.4506.



This preview shows how white text looks on a background with the XYZ color 15.9030, 21.8760,

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

15.9030, 21.8760, 14.4506

Protanopia

20.0887, 21.5969, 13.0074

Deuteranopia

21.9609, 21.5700, 15.0626



Tritanopia

19.0028, 21.8612, 30.0062

Trichromacy



Original Color

15.9030, 21.8760, 14.4506

Protanomaly

18.1122, 21.3578, 13.5238

Deuteranomaly

19.1556, 21.2685, 14.9000

Tritanomaly

17.6719, 21.7373, 23.3430

Monochromacy



Original Color

15.9030, 21.8760, 14.4506

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.0742, 19.9232, 18.2749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9030, 21.8760, 14.4506 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(92, 140, 96)` looks like.

```
.text, #text, p{  
    color:rgb(92, 140, 96)  
}
```

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(92, 140, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 140, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.9030, 21.8760, 14.4506 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(92, 140, 96) }
```


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

```
.border{ border-color:rgb(92, 140, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 140, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 140, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 140, 96);  
box-shadow:4px 4px 4px 4px rgb(92, 140,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9030, 21.8760, 14.4506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 140, 96) }
```

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

```
.background{ background-color: rgb(92, 140,  
96) }
```

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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