

Converting Colors

XYZ(15.8853, 22.1453, 14.0382)

Have a look what the booklet for
XYZ(15.8853, 22.1453, 14.0382)
contains.

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Color

**XYZ(15.8596, 22.0821,
14.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8D5E
RGB	91, 141, 94
RGB Percent	36%, 55%, 37%
CMY	0.6431, 0.4470, 0.6314
CMYK	0.35, 0.00, 0.33, 0.45
HSL	124°, 22%, 45%
HSV	124°, 35%, 55%
XYZ	15.8596, 22.0821, 14.0160
YIQ	120.6920, -14.7130, -25.2170

Conversions

Conversions Part 2

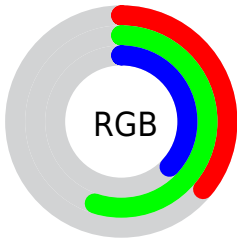
Format	Color
R_{YB}	91, 138, 141
Decimal	5999966
CIE _{Lab}	54.11, -26.95, 19.90
CIE _{LCh}	54, 33.501, 143.552
Yxy	22.0821, 0.3052, 0.4250
Android (android.graphics.Color)	4284190046 (0xFF5B8D5E)
YUV	120.6920, -13.1592, -26.0399
Hunter-Lab	46.9916, -21.9918, 15.2099

Details

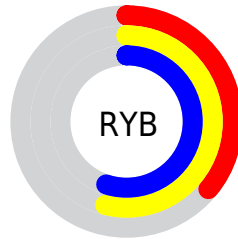
The XYZ color **15.8596, 22.0821, 14.0160** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3137, 14.9802, 25.9190**, and the grayscale version is **18.1195, 19.0631, 20.7598**.

A 20% lighter version of the original color is **35.9536, 46.9142, 33.9485**, and **5.0837, 7.9890, 3.9634** is the 20% darker color. If you saturate the color by 10%, you get **14.0536, 21.2146, 11.0891**, and if you desaturate by 10%, it is **18.0301, 23.1270, 17.4941**.

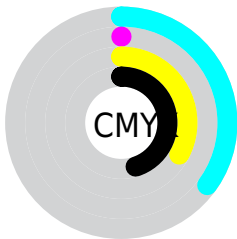
Distribution



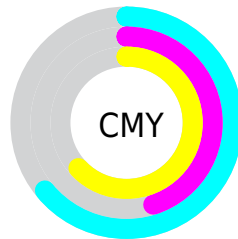
- Red (36%)
- Green (55%)
- Blue (37%)



- Red (36%)
- Yellow (54%)
- Blue (55%)



- Cyan (35%)
- Magenta (0%)
- Yellow (33%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8596, 22.0821, 14.0160 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 15.8596, 22.0821, 14.0160 by changing the saturation by 10% instead.

■ 15.8596, 22.0821,
14.0160

■ 15.8596, 22.0821,
14.0160

221.7985,
262.9747, 228.7622

■ 9.5151, 13.9172,
7.9929

■ 35.9137, 46.8817,
33.8350

■ 5.1384, 8.0631,
4.0027

■ 50.3540, 64.2851,
48.4679

■ 2.3643, 4.1354,
1.6268

■ 68.2236, 85.5369,
66.8079

■ 0.8273, 1.7496,
0.3099

■ 89.8879, 111.0215,
89.2734

■ 0.0000, 0.4554,
0.0000

115.7121,
141.1231, 116.2831

■ 0.0000, 0.0000,
0.0000

146.0617,

176.2263, 148.2554

181.3021,
216.7154, 185.6090

■ 15.8596, 22.0821,
14.0160

■ 15.8596, 22.0821,
14.0160

■ 14.0536, 21.2146,
11.0891

■ 18.0301, 23.1270,
17.4941

■ 12.5904, 20.5121,
8.6837

■ 20.5818, 24.3553,
21.5480

■ 11.4490, 19.9648,
6.7697


■ 23.5324, 25.7764,
26.2028


■ 10.6049, 19.5610,
5.3132


■ 26.8979, 27.3980,
31.4815


■ 10.0305, 19.2873,
4.2760


■ 30.6935, 29.2276,
37.4060

 9.6880, 19.1250,
3.6135

 34.9337, 31.2720,
43.9971

 9.5717, 19.0693,
3.4193

 39.6323, 33.5380,
51.2745

 44.8023, 36.0319,
59.2575

 50.4565, 38.7599,
67.9642

Harmonies

Analogous

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



18.3211, 22.0821, 9.9803



15.8596, 22.0821, 14.0160



14.7887, 22.0821, 21.8681

Triad

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



15.8596, 22.0821, 14.0160



20.2143, 22.0821, 49.8787



28.0589, 22.0821, 16.9079

Complementary

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



15.8596, 22.0821, 14.0160



19.3137, 14.9802, 25.9190

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.



28.7160, 22.0821, 26.3589



15.8596, 22.0821, 14.0160



23.9028, 22.0821, 47.4173

Square

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



15.8596, 22.0821, 14.0160



17.1089, 22.0821, 43.9741



27.1184, 22.0821, 37.9816



25.4140, 22.0821, 11.2822

Rectangle

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



15.8596, 22.0821, 14.0160



14.9079, 22.0821, 29.0387



27.1184, 22.0821, 37.9816



28.5313, 22.0821, 19.6570

Sweetspot

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



15.8602, 22.0830, 14.0165



39.0013, 44.6469, 41.9766



21.9784, 25.2523, 13.6133



8.5764, 9.9072, 9.1630



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.



15.8602, 22.0830, 14.0165



25.6238, 38.2098, 20.6032



17.1397, 22.5948, 20.7542



5.3552, 6.0343, 5.8363



8.7294, 17.3876, 3.1290



0.0855, 0.1671, 0.0409

Inverse Universe

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



19.3137, 14.9802, 25.9190



32.8103, 23.4225, 45.3661



17.7351, 14.3487, 17.6061



5.6125, 5.5055, 6.7233



13.8491, 6.6966, 20.6544



0.1352, 0.0651, 0.2119

Previews

White Background



This preview shows how the XYZ color 15.8596, 22.0821, 14.0160 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 15.8596, 22.0821, 14.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

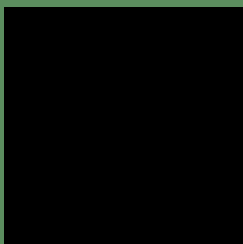
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.8596, 22.0821, 14.0160

Background



This preview shows how black text looks on a background with the XYZ color 15.8596, 22.0821, 14.0160.



This preview shows how white text looks on a background with the XYZ color 15.8596, 22.0821,

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

15.8596, 22.0821, 14.0160

Protanopia

20.3009, 21.9108, 12.6104

Deuteranopia

22.3612, 21.9725, 14.6178



Tritanopia

19.1416, 22.1390, 30.0524

Trichromacy



Original Color

15.8596, 22.0821, 14.0160

Protanomaly

18.3019, 21.6680, 13.1153

Deuteranomaly

19.3462, 21.5742, 14.4538

Tritanomaly

17.6413, 21.9391, 23.0435

Monochromacy



Original Color

15.8596, 22.0821, 14.0160

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.0188, 19.9010, 17.9832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8596, 22.0821, 14.0160 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(91, 141, 94)` looks like.

```
.text, #text, p{  
    color:rgb(91, 141, 94)  
}
```

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(91, 141, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 141, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.8596, 22.0821, 14.0160 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(91, 141, 94) }
```


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

```
.border{ border-color:rgb(91, 141, 94) }
```

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

Here you see how a box with a 4 pixel rgb(91, 141, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 141, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 141, 94);  
box-shadow:4px 4px 4px 4px rgb(91, 141,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8596, 22.0821, 14.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 141, 94) }
```

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

```
.background{ background-color: rgb(91, 141,  
94) }
```

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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