

Converting Colors

XYZ(15.4353, 22.0759, 13.9643)

Have a look what the booklet for
XYZ(15.4353, 22.0759, 13.9643)
contains.

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Color

**XYZ(15.4397, 22.0854,
14.0388)**

Conversions

Conversions Part 1

Format	Color
Hex	558E5E
RGB	85, 142, 94
RGB Percent	33%, 56%, 37%
CMY	0.6667, 0.4431, 0.6314
CMYK	0.40, 0.00, 0.34, 0.44
HSL	129°, 25%, 45%
HSV	129°, 40%, 56%
XYZ	15.4397, 22.0854, 14.0388
YIQ	119.4850, -18.5640, -27.0120

Conversions

Conversions Part 2

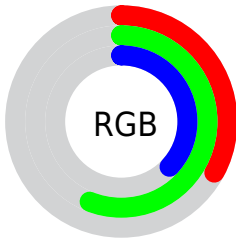
Format	Color
RYB	85, 134, 142
Decimal	5607006
CIELab	54.12, -29.41, 19.85
CIElCh	54, 35.488, 145.982
Yxy	22.0854, 0.2994, 0.4283
Android (android.graphics.Color)	4283797086 (0xFF558E5E)
YUV	119.4850, -12.5641, -30.2433
Hunter-Lab	46.9951, -23.5973, 15.1849

Details

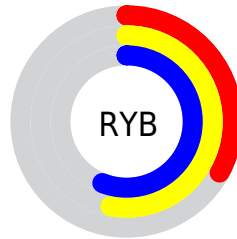
The XYZ color **15.4397, 22.0854, 14.0388** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.6382, 13.9418, 23.8999**, and the grayscale version is **17.7318, 18.6552, 20.3155**.

A 20% lighter version of the original color is **35.1673, 46.8426, 33.9761**, and **4.9139, 8.0275, 3.9798** is the 20% darker color. If you saturate the color by 10%, you get **13.7820, 21.2887, 11.3740**, and if you desaturate by 10%, it is **17.4405, 23.0506, 17.1546**.

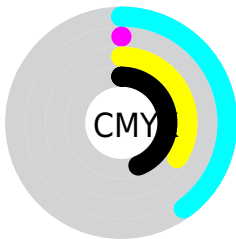
Distribution



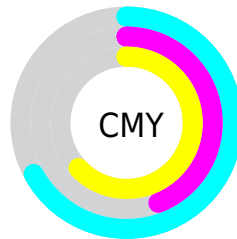
- Red (33%)
- Green (56%)
- Blue (37%)



- Red (33%)
- Yellow (53%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4397, 22.0854, 14.0388 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 15.4397, 22.0854, 14.0388 by changing the saturation by 10% instead.

■ 15.4397, 22.0854,
14.0388

■ 15.4397, 22.0854,
14.0388

219.3484,
262.9919, 228.9089

■ 9.2169, 13.9197,
8.0086

■ 35.1881, 46.8871,
33.8760

■ 4.9412, 8.0648,
4.0126

■ 49.4443, 64.2919,
48.5200

■ 2.2472, 4.1364,
1.6323

■ 67.1091, 85.5451,
66.8724

■ 0.7674, 1.7502,
0.3137

■ 88.5478, 111.0312,
89.3518

■ 0.0000, 0.4558,
0.0000

■ 114.1257,
141.1345, 116.3765

■ 0.0000, 0.0000,
0.0000

144.2082,

176.2395, 148.3653

179.1606,
216.7305, 185.7366

■ 15.4397, 22.0854,
14.0388

■ 15.4397, 22.0854,
14.0388

■ 13.7820, 21.2887,
11.3740

■ 17.4405, 23.0506,
17.1546

■ 12.4462, 20.6482,
9.1380

■ 19.8004, 24.1903,
20.7395

■ 11.4117, 20.1543,
7.3086


■ 22.5367, 25.5136,
24.8122


■ 10.6543, 19.7951,
5.8615


■ 25.6649, 27.0281,
29.3902


■ 10.1463, 19.5569,
4.7694


■ 29.1996, 28.7411,
34.4898

 9.8223, 19.4064,
4.0086

 33.1549, 30.6595,
40.1269

 37.5439, 32.7897,
46.3165

 42.3794, 35.1379,
53.0731

 47.6734, 37.7101,
60.4106

Harmonies

Analogous

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



17.9159, 22.0854, 9.5920



15.4397, 22.0854, 14.0388



14.4455, 22.0854, 22.5936

Triad

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



15.4397, 22.0854, 14.0388



20.4776, 22.0854, 51.9621



28.3649, 22.0854, 15.9118

Complementary

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



15.4397, 22.0854, 14.0388



18.6382, 13.9418, 23.8999

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.



29.2655, 22.0854, 25.5619



15.4397, 22.0854, 14.0388



24.4004, 22.0854, 48.5493

Square

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



15.4397, 22.0854, 14.0388



17.1205, 22.0854, 46.2173



27.7363, 22.0854, 37.9471



25.4061, 22.0854, 10.4188

Rectangle

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



15.4397, 22.0854, 14.0388



14.6551, 22.0854, 30.3620



27.7363, 22.0854, 37.9471



28.9328, 22.0854, 18.6751

Sweetspot

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



15.4403, 22.0863, 14.0393



38.6660, 44.4696, 42.1651



21.0576, 25.0261, 12.3153



8.5143, 9.8735, 9.2371



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.



15.4403, 22.0863, 14.0393



24.6072, 37.6857, 20.5545



16.9359, 22.6846, 21.9153



5.3755, 6.0424, 5.9430



8.8234, 17.4252, 3.6244



0.0897, 0.1687, 0.0625

Inverse Universe

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



18.6382, 13.9418, 23.8999



31.0323, 21.3011, 40.3503



16.9517, 13.2672, 15.0190



5.5902, 5.4966, 6.6059



13.0423, 6.3740, 16.4061



0.1311, 0.0635, 0.1903

Previews

White Background



This preview shows how the XYZ color 15.4397, 22.0854, 14.0388 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 15.4397, 22.0854, 14.0388 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 15.4397, 22.0854, 14.0388

Background



This preview shows how black text looks on a background with the XYZ color 15.4397, 22.0854, 14.0388.



This preview shows how white text looks on a background with the XYZ color 15.4397, 22.0854,

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

15.4397, 22.0854, 14.0388

Protanopia

20.2592, 21.8941, 12.3907

Deuteranopia

22.1748, 21.8765, 14.6091



Tritanopia

18.6762, 21.8901, 30.4350

Trichromacy



Original Color

15.4397, 22.0854, 14.0388

Protanomaly

17.9783, 21.7103, 12.9158

Deuteranomaly

19.0264, 21.6077, 14.4772

Tritanomaly

17.3329, 21.9846, 23.4086

Monochromacy



Original Color

15.4397, 22.0854, 14.0388

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.4672, 19.4303, 17.6344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4397, 22.0854, 14.0388 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(85, 142, 94)` looks like.

```
.text, #text, p{  
  color:rgb(85, 142, 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(85, 142, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 142, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.4397, 22.0854, 14.0388 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(85, 142, 94) }
```


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

```
.border{ border-color:rgb(85, 142, 94) }
```

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

Here you see how a box with a 4 pixel rgb(85, 142, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 142, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 142, 94);  
box-shadow:4px 4px 4px 4px rgb(85, 142,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4397, 22.0854, 14.0388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 142, 94) }
```

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

```
.background{ background-color: rgb(85, 142,  
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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