

Converting Colors

XYZ(15.4165, 22.8162, 3.8411)

Have a look what the booklet for
XYZ(15.4165, 22.8162, 3.8411)
contains.

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Color

**XYZ(15.3894, 22.7329,
3.8352)**

Conversions

Conversions Part 1

Format	Color
Hex	659009
RGB	101, 144, 9
RGB Percent	40%, 56%, 4%
CMY	0.6039, 0.4353, 0.9647
CMYK	0.30, 0.00, 0.94, 0.44
HSL	79°, 88%, 30%
HSV	79°, 94%, 56%
XYZ	15.3894, 22.7329, 3.8352
YIQ	115.7530, 17.7070, -51.1010

Conversions

Conversions Part 2

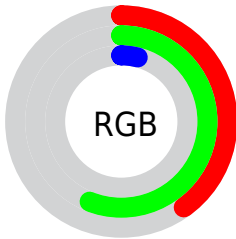
Format	Color
R_YB	9, 144, 52
Decimal	6656009
CIE Lab	54.80, -32.64, 56.50
CIE LCh	55, 65.250, 120.011
Yxy	22.7329, 0.3668, 0.5418
Android (android.graphics.Color)	4284846089 (0xFF659009)
YUV	115.7530, -52.6292, -12.9384
Hunter-Lab	47.6790, -25.8237, 28.6062

Details

The XYZ color **15.3894, 22.7329, 3.8352** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.5489, 2.9397, 26.6091**, and the grayscale version is **16.6778, 17.5464, 19.1080**.

A 20% lighter version of the original color is **35.1070, 47.9371, 13.7058**, and **5.1333, 8.4571, 1.3618** is the 20% darker color. If you saturate the color by 10%, you get **15.0247, 22.5514, 3.5610**, and if you desaturate by 10%, it is **16.0275, 23.0499, 4.4367**.

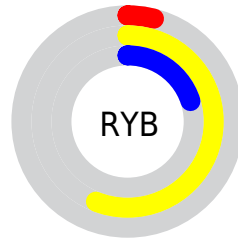
Distribution



Red (40%)

Green (56%)

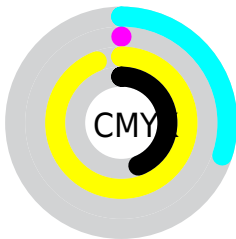
Blue (4%)



Red (4%)

Yellow (56%)

Blue (20%)

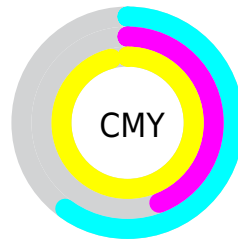


Cyan (30%)

Magenta (0%)

Yellow (94%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3894, 22.7329, 3.8352 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 15.3894, 22.7329, 3.8352 by changing the saturation by 10% instead.

■ 15.3894, 22.7329,
3.8352

■ 15.3894, 22.7329,
3.8352

219.0532,
266.3501, 146.3756

■ 9.1812, 14.3964,
1.5354

■ 35.1009, 47.9544,
13.6279

■ 4.9176, 8.3969,
0.2441

■ 49.3350, 65.6081,
21.9578

■ 2.2333, 4.3499,
0.0000

■ 66.9751, 87.1365,
33.1348

■ 0.7602, 1.8712,
0.0000

■ 88.3866, 112.9237,
47.5775


■ 0.0000, 0.5310,
0.0000


■ 113.9347,
143.3543, 65.7044


■ 0.0000, 0.0000,
0.0000


■ 143.9850,


178.8127, 87.9340


 178.9027,
219.6831, 114.6849


 15.3894, 22.7329,
3.8352


 15.3894, 22.7329,
3.8352


 15.0247, 22.5514,
3.5610

 16.0275, 23.0499,
4.4367

 16.7727, 23.4124,
5.4528

 17.6373, 23.8260,
6.9431

 18.6310, 24.2948,
8.9567

 19.7624, 24.8221,
11.5364

■ 21.0392, 25.4111,
14.7209

■ 22.4685, 26.0648,
18.5451

■ 24.0567, 26.7857,
23.0416

■ 25.8102, 27.5764,
28.2405

Harmonies

Analogous

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



21.6043, 22.7329, 2.4957



15.3894, 22.7329, 3.8352



11.6882, 22.7329, 9.7405

Triad

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



15.3894, 22.7329, 3.8352



15.3931, 22.7329, 77.5083



38.6423, 22.7329, 24.7446

Complementary

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



15.3894, 22.7329, 3.8352



6.5489, 2.9397, 26.6091

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.



35.9723, 22.7329, 50.3668



15.3894, 22.7329, 3.8352



21.6096, 22.7329, 89.4484

Square

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



15.3894, 22.7329, 3.8352



11.6899, 22.7329, 50.3881



29.3073, 22.7329, 77.4919



35.9685, 22.7329, 9.7334

Rectangle

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



15.3894, 22.7329, 3.8352



10.6294, 22.7329, 18.4855



29.3073, 22.7329, 77.4919



38.3336, 22.7329, 32.2959

Sweetspot

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



15.3899, 22.7339, 3.8357



38.3752, 45.3986, 29.3047



12.7687, 8.3837, 1.2040



8.5787, 10.3094, 6.1343



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.3899, 22.7339, 3.8357



26.3206, 39.6816, 6.2721



10.6749, 20.3032, 3.6150



5.6748, 6.2005, 5.7871



13.1082, 19.6501, 3.1020



0.1483, 0.1997, 0.0307

Inverse Universe

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



6.5489, 2.9397, 26.6091



10.7003, 4.4905, 46.8408



12.7748, 6.1493, 26.9004



5.2813, 5.3332, 6.7798



5.3822, 2.2682, 23.1312



0.0724, 0.0325, 0.2221

Previews

White Background



This preview shows how the XYZ color 15.3894, 22.7329, 3.8352 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 15.3894, 22.7329, 3.8352 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 15.3894, 22.7329, 3.8352

Background



This preview shows how black text looks on a background with the XYZ color 15.3894, 22.7329, 3.8352.



This preview shows how white text looks on a background with the XYZ color 15.3894, 22.7329,

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

15.3894, 22.7329, 3.8352

Protanopia

20.3290, 22.5285, 3.2770

Deuteranopia

22.9343, 22.4985, 4.2325



Tritanopia

20.7062, 22.7394, 30.0859

Trichromacy



Original Color

15.3894, 22.7329, 3.8352

Protanomaly

18.1807, 22.4402, 3.4593

Deuteranomaly

19.4070, 22.0375, 3.9403

Tritanomaly

17.6302, 22.3365, 14.4485

Monochromacy



Original Color

15.3894, 22.7329, 3.8352

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.3560, 18.8370, 9.8477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3894, 22.7329, 3.8352 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(101, 144, 9)` looks like.

```
.text, #text, p{  
    color:rgb(101, 144, 9)  
}
```

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(101, 144, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 144, 9) }
```

Border

The CSS property to change the border of an element to XYZ 15.3894, 22.7329, 3.8352 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(101, 144, 9) }
```


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

```
.border{ border-color:rgb(101, 144, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 144, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 144, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 144, 9);  
box-shadow:4px 4px 4px 4px rgb(101, 144,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3894, 22.7329, 3.8352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 144, 9) }
```

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

```
.background{ background-color: rgb(101,  
144, 9) }
```

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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