

Converting Colors

XYZ(15.8154, 14.5109, 14.0239)

Have a look what the booklet for
XYZ(15.8154, 14.5109, 14.0239)
contains.

XYZ(15.8154, 14.5109, 14.0239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.8154, 14.5109,
14.0239)**

Conversions

Conversions Part 1

Format	Color
Hex	816364
RGB	129, 99, 100
RGB Percent	51%, 39%, 39%
CMY	0.4941, 0.6118, 0.6078
CMYK	0.00, 0.23, 0.22, 0.49
HSL	358°, 13%, 45%
HSV	358°, 23%, 51%
XYZ	15.8154, 14.5109, 14.0239
YIQ	108.0840, 17.5590, 6.6710

Conversions

Conversions Part 2

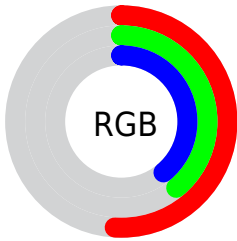
Format	Color
R_{YB}	129, 99, 100
Decimal	8479588
CIE Lab	44.96, 12.27, 4.10
CIE LCh	45, 12.932, 18.463
Yxy	14.5109, 0.3566, 0.3272
Android (android.graphics.Color)	4286669668 (0xFF816364)
YUV	108.0840, -3.9854, 18.3433
Hunter-Lab	38.0932, 7.4460, 4.8378

Details

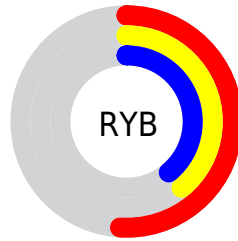
The XYZ color **15.8154, 14.5109, 14.0239** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8928, 19.9121, 23.3763**, and the grayscale version is **14.2851, 15.0291, 16.3667**.

A 20% lighter version of the original color is **35.7837, 33.9921, 33.9533**, and **5.0950, 4.3753, 3.9441** is the 20% darker color. If you saturate the color by 10%, you get **14.1314, 12.0360, 10.7091**, and if you desaturate by 10%, it is **17.7878, 17.4146, 17.8911**.

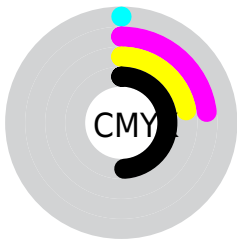
Distribution



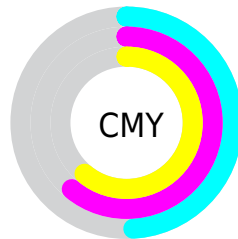
- Red (51%)
- Green (39%)
- Blue (39%)



- Red (51%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8154, 14.5109, 14.0239 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 15.8154, 14.5109, 14.0239 by changing the saturation by 10% instead.

■ 15.8154, 14.5109,
14.0239

■ 15.8154, 14.5109,
14.0239

221.5418,
220.3864, 228.8131

■ 9.4836, 8.4769,
7.9983

■ 35.8375, 33.9928,
33.8492

■ 5.1176, 4.4016,
4.0061

■ 50.2585, 48.2095,
48.4860

■ 2.3519, 1.9006,
1.6287

■ 68.1066, 65.9225,
66.8303

■ 0.8210, 0.5488,
0.3112

■ 89.7473, 87.5163,
89.3006

■ 0.0000, 0.0000,
0.0000

115.5458,
113.3751, 116.3155

145.8675,

143.8835, 148.2935

181.0777,
179.4258, 185.6532

■ 15.8154, 14.5109,
14.0239

■ 15.8154, 14.5109,
14.0239

■ 14.1314, 12.0360,
10.7091

■ 17.7878, 17.4146,
17.8911

■ 12.7213, 9.9678,
7.9206

■ 20.0601, 20.7639,
22.3334

■ 11.5709, 8.2850,
5.6317

■ 22.6445, 24.5772,
27.3733

■ 10.6643, 6.9639,
3.8129

■ 25.5520, 28.8713,
33.0316

■ 9.9840, 5.9779,
2.4315

■ 28.7934, 33.6620,
39.3284

■ 9.5101, 5.2969,
1.4508

■ 32.3789, 38.9647,
46.2829

■ 9.2186, 4.8844,
0.8277

■ 36.3180, 44.7938,
53.9131

■ 9.0769, 4.6766,
0.5475

■ 40.6201, 51.1633,
62.2369

■ 45.2943, 58.0865,
71.2710

Harmonies

Analogous

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



15.8853, 14.5109, 16.9953



15.8154, 14.5109, 14.0239



15.1871, 14.5109, 11.8240

Triad

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



15.8154, 14.5109, 14.0239



12.3233, 14.5109, 12.2395



13.3889, 14.5109, 22.2310

Complementary

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



15.8154, 14.5109, 14.0239



16.8928, 19.9121, 23.3763

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.



12.4854, 14.5109, 20.5800



15.8154, 14.5109, 14.0239



11.8915, 14.5109, 14.6619

Square

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



15.8154, 14.5109, 14.0239



13.1572, 14.5109, 10.8884



11.9493, 14.5109, 17.7199



14.4472, 14.5109, 22.0028

Rectangle

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



15.8154, 14.5109, 14.0239



14.5534, 14.5109, 10.9721



11.9493, 14.5109, 17.7199



13.0580, 14.5109, 21.8696

Sweetspot

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



15.8158, 14.5116, 14.0242



34.2663, 34.7406, 36.7579



17.3269, 15.0985, 22.7702



7.7152, 7.8031, 8.2401



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.8158, 14.5116, 14.0242



26.6303, 23.4990, 21.7869



17.2110, 17.3788, 14.2525



4.3331, 4.3464, 4.5587



8.8503, 4.5598, 0.5354



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8158, 14.5116, 14.0242



26.6303, 23.4990, 21.7869



15.2394, 16.4997, 23.1507



4.3331, 4.3464, 4.5587



8.8503, 4.5598, 0.5354



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8154, 14.5109, 14.0239 looks on a white background.

Color Contrast Check

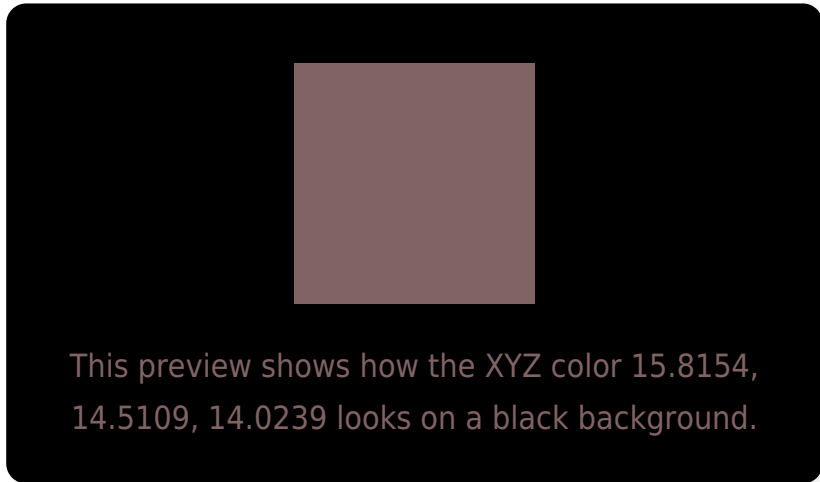
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 15.8154, 14.5109, 14.0239

Background



This preview shows how black text looks on a background with the XYZ color 15.8154, 14.5109, 14.0239.



This preview shows how white text looks on a background with the XYZ color 15.8154, 14.5109,

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

15.8154, 14.5109, 14.0239

Protanopia

13.9594, 14.5588, 15.1711

Deuteranopia

14.8481, 14.5944, 13.8388



Tritanopia

16.1751, 14.5218, 15.5861

Trichromacy



Original Color

15.8154, 14.5109, 14.0239

Protanomaly

14.5009, 14.3928, 14.8458

Deuteranomaly

15.1719, 14.6145, 13.8256

Tritanomaly

16.0723, 14.4807, 15.0446

Monochromacy



Original Color

15.8154, 14.5109, 14.0239

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8038, 14.8361, 15.4480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8154, 14.5109, 14.0239 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(129, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(129, 99, 100)  
}
```

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(129, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 99, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.8154, 14.5109, 14.0239 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(129, 99, 100) }
```


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

```
.border{ border-color:rgb(129, 99, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 99, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 99, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 99, 100);  
box-shadow:4px 4px 4px 4px rgb(129, 99,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8154, 14.5109, 14.0239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 99, 100) }
```

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

```
.background{ background-color: rgb(129, 99,  
100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor