

Converting Colors

XYZ(15.3701, 14.3920, 11.7580)

Have a look what the booklet for
XYZ(15.3701, 14.3920, 11.7580)
contains.

XYZ(15.4034, 14.3461, 11.8548)	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(15.4034, 14.3461,
11.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	81635B
RGB	129, 99, 91
RGB Percent	51%, 39%, 36%
CMY	0.4941, 0.6118, 0.6431
CMYK	0.00, 0.23, 0.29, 0.49
HSL	13°, 17%, 43%
HSV	13°, 29%, 51%
XYZ	15.4034, 14.3461, 11.8548
YIQ	107.0580, 20.4480, 3.8720

Conversions

Conversions Part 2

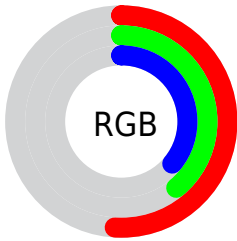
Format	Color
R_{YB}	129, 101, 91
Decimal	8479579
CIE _{Lab}	44.73, 10.86, 9.20
CIE _{LCh}	45, 14.228, 40.274
Yxy	14.3461, 0.3702, 0.3448
Android (android.graphics.Color)	4286669659 (0xFF81635B)
YUV	107.0580, -7.9166, 19.2431
Hunter-Lab	37.8762, 6.3084, 7.9563

Details

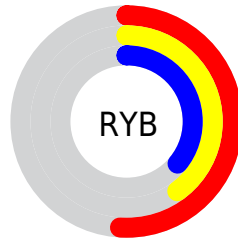
The XYZ color **15.4034, 14.3461, 11.8548** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1140, 17.4834, 23.3469**, and the grayscale version is **14.0088, 14.7383, 16.0500**.

A 20% lighter version of the original color is **35.2425, 33.8031, 29.8665**, and **4.9261, 4.3077, 3.0545** is the 20% darker color. If you saturate the color by 10%, you get **13.9894, 12.3334, 8.8700**, and if you desaturate by 10%, it is **17.0355, 16.6417, 15.3847**.

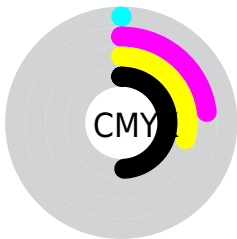
Distribution



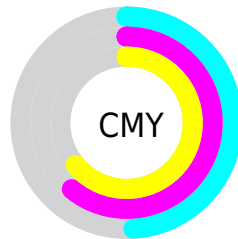
- Red (51%)
- Green (39%)
- Blue (36%)



- Red (51%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4034, 14.3461, 11.8548 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 15.4034, 14.3461, 11.8548 by changing the saturation by 10% instead.

■ 15.4034, 14.3461,
11.8548

■ 15.4034, 14.3461,
11.8548

219.1354,
219.3734, 214.3853

■ 9.1911, 8.3618,
6.5235

■ 35.1252, 33.7019,
29.8908

■ 4.9242, 4.3273,
3.0921

■ 49.3655, 47.8421,
43.4326

■ 2.2371, 1.8583,
1.1418

■ 67.0124, 65.4698,
60.5484

■ 0.7622, 0.5231,
0.0000

■ 88.4315, 86.9693,
81.6567

■ 0.0000, 0.0000,
0.0000

113.9879,
112.7250, 107.1760

144.0471,

143.1213, 137.5248

178.9745,
178.5427, 173.1217

■ 15.4034, 14.3461,
11.8548

■ 15.4034, 14.3461,
11.8548

■ 13.9894, 12.3334,
8.8700

■ 17.0355, 16.6417,
15.3847

■ 12.7831, 10.5908,
6.4021

■ 18.8934, 19.2287,
19.4841

■ 11.7745, 9.1070,
4.4217

■ 20.9858, 22.1175,
24.1771

■ 10.9528, 7.8697,
2.8962

■ 23.3207, 25.3176,
29.4861

■ 10.3059, 6.8649,
1.7888

■ 25.9054, 28.8378,
35.4323

■ 9.8199, 6.0778,
1.0570

■ 28.7473, 32.6868,
42.0360

■ 9.4657, 5.4859,
0.5801

■ 31.8533, 36.8729,
49.3165

■ 9.4490, 5.4586,
0.5556

■ 35.2298, 41.4040,
57.2923

■ 38.8835, 46.2878,
65.9813

Harmonies

Analogous

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



15.9426, 14.3461, 14.5120



15.4034, 14.3461, 11.8548



14.3999, 14.3461, 10.3600

Triad

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



15.4034, 14.3461, 11.8548



11.6477, 14.3461, 13.5681



14.0360, 14.3461, 22.7618

Complementary

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



15.4034, 14.3461, 11.8548



15.1140, 17.4834, 23.3469

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.



12.8987, 14.3461, 22.4145



15.4034, 14.3461, 11.8548



11.5625, 14.3461, 16.7840

Square

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



15.4034, 14.3461, 11.8548



12.2480, 14.3461, 11.2481



12.0084, 14.3461, 20.1094



15.1241, 14.3461, 21.0004

Rectangle

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



15.4034, 14.3461, 11.8548



13.6249, 14.3461, 10.0785



12.0084, 14.3461, 20.1094



13.6462, 14.3461, 22.8932

Sweetspot

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



15.4038, 14.3468, 11.8551



33.9209, 34.5549, 35.0852



16.2702, 13.5398, 19.9740



7.5788, 7.6841, 7.7212



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.



15.4038, 14.3468, 11.8551



25.9290, 23.3404, 17.7183



17.3731, 18.2854, 12.5115



4.3955, 4.4798, 4.5531



9.2156, 5.3275, 0.5426



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1140, 17.4834, 23.3469



25.3221, 29.8564, 41.6207



13.0678, 13.3909, 22.6648



4.3720, 4.7380, 5.4974



8.4832, 10.7849, 21.8845



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4034, 14.3461, 11.8548 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



This preview shows how the XYZ color 15.4034, 14.3461, 11.8548 looks on a 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

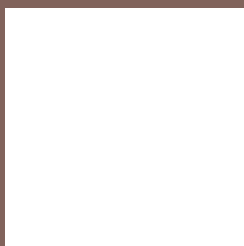
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4034, 14.3461, 11.8548

Background



This preview shows how black text looks on a background with the XYZ color 15.4034, 14.3461, 11.8548.



This preview shows how white text looks on a background with the XYZ color 15.4034, 14.3461,

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

15.4034, 14.3461, 11.8548

Protanopia

13.7300, 14.4957, 12.6640

Deuteranopia

14.6229, 14.3785, 11.6775



Tritanopia

15.9793, 14.2947, 15.0137

Trichromacy



Original Color

15.4034, 14.3461, 11.8548

Protanomaly

14.2972, 14.3424, 12.3707

Deuteranomaly

14.9566, 14.4055, 11.6651

Tritanomaly

15.8257, 14.3820, 13.7463

Monochromacy



Original Color

15.4034, 14.3461, 11.8548

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3695, 14.4851, 14.3505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4034, 14.3461, 11.8548 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(129, 99, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 99, 91) }
```

Border

The CSS property to change the border of an element to XYZ 15.4034, 14.3461, 11.8548 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, 91) }
```


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

```
.border{ border-color:rgb(129, 99, 91) }
```

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, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 99, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 99, 91);  
box-shadow:4px 4px 4px 4px rgb(129, 99,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4034, 14.3461, 11.8548 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, 91) }
```

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

```
.background{ background-color: rgb(129, 99,  
91) }
```

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