

Converting Colors

XYZ(14.0211, 16.3571, 15.3856)

Have a look what the booklet for
XYZ(14.0211, 16.3571, 15.3856)
contains.

XYZ(14.1155, 16.4314, 15.5243)	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(14.1155, 16.4314,
15.5243)**

Conversions

Conversions Part 1

Format	Color
Hex	647568
RGB	100, 117, 104
RGB Percent	39%, 46%, 41%
CMY	0.6078, 0.5412, 0.5922
CMYK	0.15, 0.00, 0.11, 0.54
HSL	134°, 8%, 43%
HSV	134°, 15%, 46%
XYZ	14.1155, 16.4314, 15.5243
YIQ	110.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

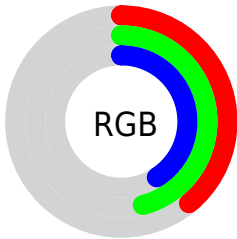
Format	Color
R_{YB}	100, 114, 117
Decimal	6583656
CIE _{Lab}	47.54, -9.08, 5.06
CIE _{LCh}	48, 10.393, 150.861
Yxy	16.4314, 0.3064, 0.3567
Android (android.graphics.Color)	4284773736 (0xFF647568)
YUV	110.4350, -3.1725, -9.1515
Hunter-Lab	40.5357, -8.7794, 5.6682

Details

The XYZ color **14.1155, 16.4314, 15.5243** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8745, 14.0889, 17.5590**, and the grayscale version is **14.9565, 15.7354, 17.1359**.

A 20% lighter version of the original color is **32.8669, 37.3218, 36.4819**, and **4.3348, 5.3085, 4.6671** is the 20% darker color. If you saturate the color by 10%, you get **12.4826, 15.6398, 13.2001**, and if you desaturate by 10%, it is **15.9834, 17.3395, 18.1120**.

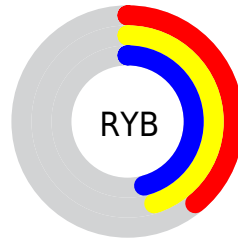
Distribution



Red (39%)

Green (46%)

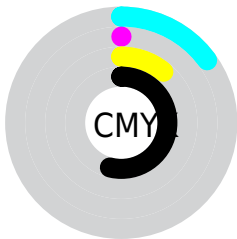
Blue (41%)



Red (39%)

Yellow (45%)

Blue (46%)

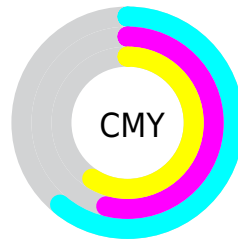


Cyan (15%)

Magenta (0%)

Yellow (11%)

Black (54%)



Cyan (61%)

Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1155, 16.4314, 15.5243 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 14.1155, 16.4314, 15.5243 by changing the saturation by 10% instead.

■ 14.1155, 16.4314,
15.5243

■ 14.1155, 16.4314,
15.5243

211.4444,
231.8740, 238.2672

■ 8.2833, 9.8299,
9.0375

■ 32.8784, 37.3455,
36.5256

■ 4.3301, 5.2863,
4.6685

■ 46.5398, 52.4270,
51.8771

■ 1.8905, 2.4162,
1.9988

■ 63.5416, 71.1039,
71.0207

■ 0.5713, 0.8342,
0.5545

■ 84.2491, 93.7606,
94.3748

■ 0.0000, 0.0000,
0.0000

109.0279,
120.7816, 122.3579

138.2431,

152.5513, 155.3887

172.2602,
189.4539, 193.8856

■ 14.1155, 16.4314,
15.5243

■ 14.1155, 16.4314,
15.5243

■ 12.4826, 15.6398,
13.2001

■ 15.9834, 17.3395,
18.1120

■ 11.0740, 14.9580,
11.1300

■ 18.0939, 18.3664,
20.9699

■ 9.8801, 14.3817,
9.3058

■ 20.4557, 19.5170,
24.1061

■ 8.8902, 13.9055,
7.7182

■ 23.0769, 20.7953,
27.5277

■ 8.0924, 13.5235,
6.3574

■ 25.9651, 22.2049,
31.2417

■ 7.4738, 13.2293,
5.2131

■ 29.1275, 23.7497,
35.2550

■ 7.0196, 13.0155,
4.2740

■ 32.5712, 25.4329,
39.5739

■ 6.7082, 12.8711,
3.5275

■ 36.3030, 27.2581,
44.2049

■ 6.5656, 12.8048,
3.1948

■ 40.3293, 29.2284,
49.1541

Harmonies

Analogous

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



14.7232, 16.4314, 13.8662



14.1155, 16.4314, 15.5243



13.9064, 16.4314, 17.9676

Triad

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



14.1155, 16.4314, 15.5243



15.6443, 16.4314, 23.4807



17.1941, 16.4314, 15.4041

Complementary

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



14.1155, 16.4314, 15.5243



14.8745, 14.0889, 17.5590

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.



17.4636, 16.4314, 17.8146



14.1155, 16.4314, 15.5243



16.5474, 16.4314, 22.6277

Square

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



14.1155, 16.4314, 15.5243



14.7677, 16.4314, 22.7173



17.2226, 16.4314, 20.4868



16.4994, 16.4314, 13.8018

Rectangle

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



14.1155, 16.4314, 15.5243



14.0143, 16.4314, 19.7662



17.2226, 16.4314, 20.4868



17.3386, 16.4314, 16.1383

Sweetspot

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



14.1160, 16.4321, 15.5247



28.7730, 31.1227, 32.6407



15.4765, 17.1564, 14.5526



6.5639, 7.1306, 7.4341



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.1160, 16.4321, 15.5247



24.3834, 28.9902, 26.5406



14.5680, 16.6129, 17.9053



3.6727, 4.1110, 4.1103



7.2280, 14.1052, 3.4910



34.9387, 68.6227, 15.5141

Inverse Universe

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



14.8745, 14.0889, 17.5590



25.9820, 24.0513, 30.8275



14.4197, 13.9069, 15.1638



3.7916, 3.7439, 4.4291



10.0853, 4.9679, 10.9235



48.8039, 24.0717, 51.4239

Previews

White Background



This preview shows how the XYZ color 14.1155, 16.4314, 15.5243 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 14.1155, 16.4314, 15.5243 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

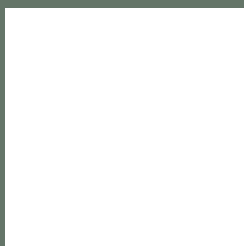
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1155, 16.4314, 15.5243

Background



This preview shows how black text looks on a background with the XYZ color 14.1155, 16.4314, 15.5243.

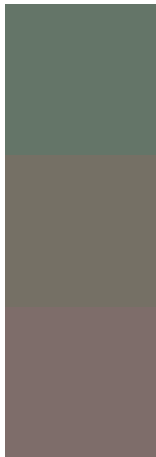


This preview shows how white text looks on a background with the XYZ color 14.1155, 16.4314,

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

14.1155, 16.4314, 15.5243

Protanopia

15.4793, 16.3098, 14.6442

Deuteranopia

16.6743, 16.4135, 15.9250



Tritanopia

15.1860, 16.3483, 21.0940

Trichromacy



Original Color

14.1155, 16.4314, 15.5243

Protanomaly

14.9711, 16.3734, 14.9417

Deuteranomaly

15.6801, 16.3902, 15.7018

Tritanomaly

14.7626, 16.3472, 18.9002

Monochromacy



Original Color

14.1155, 16.4314, 15.5243

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5558, 15.9571, 16.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1155, 16.4314, 15.5243 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(100, 117, 104)` looks like.

```
.text, #text, p{  
    color:rgb(100, 117, 104)  
}
```

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(100, 117, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 117, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.1155, 16.4314, 15.5243 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(100, 117, 104) }
```


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

```
.border{ border-color:rgb(100, 117, 104) }
```

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

Here you see how a box with a 4 pixel rgb(100, 117, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 117, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 117, 104);  
box-shadow:4px 4px 4px 4px rgb(100, 117,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1155, 16.4314, 15.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 117, 104) }
```

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

```
.background{ background-color: rgb(100,  
117, 104) }
```

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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