

Converting Colors

XYZ(15.1404, 16.5795, 15.3066)

Have a look what the booklet for
XYZ(15.1404, 16.5795, 15.3066)
contains.

XYZ(15.1345, 16.6202, 15.2423)	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(15.1345, 16.6202,
15.2423)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7367
RGB	111, 115, 103
RGB Percent	44%, 45%, 40%
CMY	0.5647, 0.5490, 0.5961
CMYK	0.03, 0.00, 0.10, 0.55
HSL	80°, 6%, 43%
HSV	80°, 10%, 45%
XYZ	15.1345, 16.6202, 15.2423
YIQ	112.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

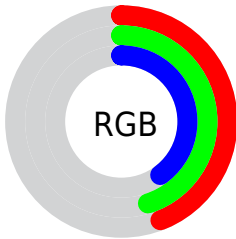
Format	Color
R_{YB}	103, 115, 107
Decimal	7304039
CIE Lab	47.78, -3.90, 6.11
CIE LCh	48, 7.252, 122.516
Yxy	16.6202, 0.3220, 0.3536
Android (android.graphics.Color)	4285494119 (0xFF6F7367)
YUV	112.4360, -4.6519, -1.2594
Hunter-Lab	40.7679, -5.0782, 6.3702

Details

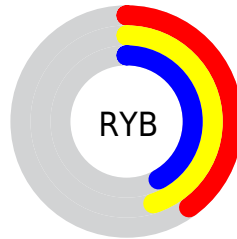
The XYZ color **15.1345, 16.6202, 15.2423** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0087, 14.0645, 18.1968**, and the grayscale version is **15.5426, 16.3521, 17.8074**.

A 20% lighter version of the original color is **34.7557, 37.7571, 36.0279**, and **4.7709, 5.3566, 4.5239** is the 20% darker color. If you saturate the color by 10%, you get **14.1246, 16.1622, 12.3863**, and if you desaturate by 10%, it is **16.2455, 17.1221, 18.5182**.

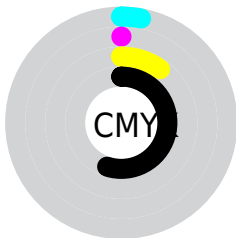
Distribution



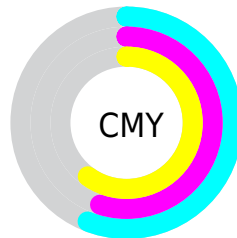
- Red (44%)
- Green (45%)
- Blue (40%)



- Red (40%)
- Yellow (45%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1345, 16.6202, 15.2423 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 15.1345, 16.6202, 15.2423 by changing the saturation by 10% instead.

■ 15.1345, 16.6202,
15.2423

■ 15.1345, 16.6202,
15.2423

217.5511,
232.9741, 236.5192

■ 9.0008, 9.9641,
8.8411

■ 34.6587, 37.6716,
36.0260

■ 4.7988, 5.3751,
4.5423

■ 48.7798, 52.8357,
51.2456

■ 2.1632, 2.4690,
1.9273

■ 66.2942, 71.6045,
70.2417

■ 0.7233, 0.8611,
0.5100

■ 87.5671, 94.3625,
93.4329

■ 0.0000, 0.0000,
0.0000

112.9639,
121.4941, 121.2377

142.8499,

153.3836, 154.0746

177.5905,
190.4155, 192.3623

■ 15.1345, 16.6202,
15.2423

■ 15.1345, 16.6202,
15.2423

■ 14.1246, 16.1622,
12.3863

■ 16.2455, 17.1221,
18.5182

■ 13.2108, 15.7445,
9.9322

■ 17.4595, 17.6670,
22.2290

■ 12.3900, 15.3664,
7.8622

■ 18.7800, 18.2570,
26.3902

■ 11.6582, 15.0261,
6.1568

■ 20.2100, 18.8934,
31.0162

■ 11.0111, 14.7220,
4.7946

■ 21.7525, 19.5771,
36.1208

■ 10.4440, 14.4521,
3.7524

■ 23.4101, 20.3095,
41.7172

■ 9.9515, 14.2143,
3.0037

■ 25.1854, 21.0915,
47.8182

■ 9.5275, 14.0060,
2.5179

■ 27.0811, 21.9243,
54.4360

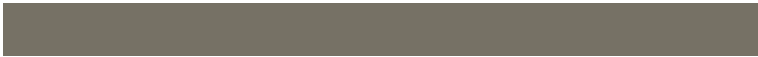
■ 9.1644, 13.8258,
2.1856

■ 29.0996, 22.8088,
61.5823

Harmonies

Analogous

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



15.7422, 16.6202, 14.7502



15.1345, 16.6202, 15.2423



14.7137, 16.6202, 16.4940

Triad

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



15.1345, 16.6202, 15.2423



15.2271, 16.6202, 21.4622



17.0791, 16.6202, 17.9399

Complementary

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



15.1345, 16.6202, 15.2423



14.0087, 14.0645, 18.1968

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.



16.9322, 16.6202, 19.7997



15.1345, 16.6202, 15.2423



15.8519, 16.6202, 21.9142

Square

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



15.1345, 16.6202, 15.2423



14.7661, 16.6202, 20.0901



16.4786, 16.6202, 21.2866



16.8748, 16.6202, 16.2395

Rectangle

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



15.1345, 16.6202, 15.2423



14.5897, 16.6202, 17.6342



16.4786, 16.6202, 21.2866



17.0692, 16.6202, 18.5669

Sweetspot

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



15.1350, 16.6209, 15.2427



28.5461, 30.4144, 31.5343



14.7766, 15.1400, 14.9757



6.7756, 7.2402, 7.4205



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.



15.1350, 16.6209, 15.2427



26.5569, 29.5153, 25.7315



14.4051, 16.2447, 15.2085



3.8537, 4.2080, 3.9514



10.4531, 15.7932, 2.4974



50.0035, 76.4795, 12.1266

Inverse Universe

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



14.0087, 14.0645, 18.1968



24.0273, 23.7733, 32.3668



14.7553, 14.4494, 18.2317



3.6051, 3.6437, 4.6035



4.4445, 1.8825, 18.6717



20.8347, 8.7492, 90.9509

Previews

White Background



This preview shows how the XYZ color 15.1345, 16.6202, 15.2423 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 15.1345, 16.6202, 15.2423 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

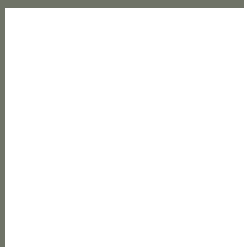
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1345, 16.6202, 15.2423

Background



This preview shows how black text looks on a background with the XYZ color 15.1345, 16.6202, 15.2423.



This preview shows how white text looks on a background with the XYZ color 15.1345, 16.6202,

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

15.1345, 16.6202, 15.2423

Protanopia

15.7746, 16.6211, 14.9472

Deuteranopia

16.8694, 16.5259, 15.3974



Tritanopia

16.1848, 16.5462, 20.4299

Trichromacy



Original Color

15.1345, 16.6202, 15.2423

Protanomaly

15.4858, 16.6388, 14.9658

Deuteranomaly

16.2092, 16.5059, 15.4284

Tritanomaly

15.7524, 16.5359, 18.2811

Monochromacy



Original Color

15.1345, 16.6202, 15.2423

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3475, 16.3591, 16.8167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1345, 16.6202, 15.2423 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(111, 115, 103)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 103)  
}
```

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(111, 115, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.1345, 16.6202, 15.2423 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(111, 115, 103) }
```


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

```
.border{ border-color:rgb(111, 115, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 115, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 103);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1345, 16.6202, 15.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 103) }
```

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

```
.background{ background-color: rgb(111,  
115, 103) }
```

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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