

Converting Colors

XYZ(15.1093, 15.0440, 16.6878)

Have a look what the booklet for
XYZ(15.1093, 15.0440, 16.6878)
contains.

XYZ(15.1168, 15.1252, 16.5907)	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(15.1168, 15.1252,
16.5907)**

Conversions

Conversions Part 1

Format	Color
Hex	746A6D
RGB	116, 106, 109
RGB Percent	45%, 42%, 43%
CMY	0.5451, 0.5843, 0.5725
CMYK	0.00, 0.09, 0.06, 0.55
HSL	342°, 5%, 44%
HSV	342°, 9%, 45%
XYZ	15.1168, 15.1252, 16.5907
YIQ	109.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

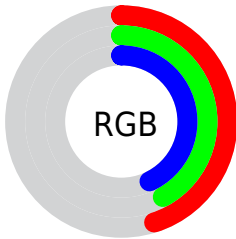
Format	Color
R_{YB}	116, 106, 109
Decimal	7629421
CIE _{Lab}	45.81, 4.50, -0.26
CIE _{LCh}	46, 4.507, 356.663
Yxy	15.1252, 0.3228, 0.3230
Android (android.graphics.Color)	4285819501 (0xFF746A6D)
YUV	109.3320, -0.1637, 5.8478
Hunter-Lab	38.8911, 1.3226, 1.9311

Details

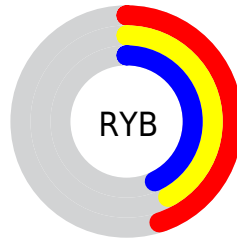
The XYZ color **15.1168, 15.1252, 16.5907** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1705, 16.7476, 18.0566**, and the grayscale version is **14.6299, 15.3918, 16.7617**.

A 20% lighter version of the original color is **34.5506, 34.9768, 38.1879**, and **4.8174, 4.7047, 5.2116** is the 20% darker color. If you saturate the color by 10%, you get **13.5842, 12.7275, 14.0215**, and if you desaturate by 10%, it is **16.8524, 17.8638, 19.4273**.

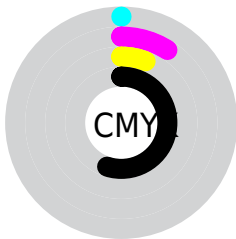
Distribution



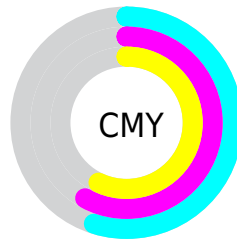
- Red (45%)
- Green (42%)
- Blue (43%)



- Red (45%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1168, 15.1252, 16.5907 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 15.1168, 15.1252, 16.5907 by changing the saturation by 10% instead.

■ 15.1168, 15.1252,
16.5907

■ 15.1168, 15.1252,
16.5907

217.4465,
224.1228, 244.7661

■ 8.9882, 8.9073,
9.7842

■ 34.6279, 35.0727,
38.4017

■ 4.7906, 4.6808,
5.1524

■ 48.7412, 49.5710,
54.2432

■ 2.1584, 2.0612,
2.2767

■ 66.2468, 67.5983,
73.9336

■ 0.7207, 0.6427,
0.7181

■ 87.5100, 89.5390,
97.8913

■ 0.0000, 0.0000,
0.0000

112.8962,
115.7773, 126.5348

142.7708,

146.6978, 160.2828

177.4991,
182.6848, 199.5537

■ 15.1168, 15.1252,
16.5907

■ 15.1168, 15.1252,
16.5907

■ 13.5842, 12.7275,
14.0215

■ 16.8524, 17.8638,
19.4273

■ 12.2458, 10.6554,
11.7109

■ 18.7969, 20.9540,
22.5378

■ 11.0939, 8.8955,
9.6509

■ 20.9574, 24.4084,
25.9298

■ 10.1201, 7.4323,
7.8327

■ 23.3404, 28.2383,
29.6104

■ 9.3150, 6.2493,
6.2470

■ 25.9522, 32.4546,
33.5861

■ 8.6684, 5.3284,
4.8841

■ 28.7986, 37.0677,
37.8636

■ 8.1691, 4.6492,
3.7332

■ 31.8855, 42.0878,
42.4490

■ 7.8042, 4.1881,
2.7826

■ 35.2183, 47.5245,
47.3485

■ 7.5369, 3.8746,
2.0121

■ 38.8024, 53.3871,
52.5680

Harmonies

Analogous

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



14.9943, 15.1252, 17.6440



15.1168, 15.1252, 16.5907



15.0380, 15.1252, 15.5488

Triad

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



15.1168, 15.1252, 16.5907



14.0511, 15.1252, 14.6711



13.9788, 15.1252, 18.2769

Complementary

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



15.1168, 15.1252, 16.5907



15.1705, 16.7476, 18.0566

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.



13.7338, 15.1252, 17.4244



15.1168, 15.1252, 16.5907



13.7751, 15.1252, 15.3469

Square

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



15.1168, 15.1252, 16.5907



14.4186, 15.1252, 14.4696



13.6599, 15.1252, 16.3474



14.3336, 15.1252, 18.6441

Rectangle

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



15.1168, 15.1252, 16.5907



14.8826, 15.1252, 14.9952



13.6599, 15.1252, 16.3474



13.8811, 15.1252, 18.0358

Sweetspot

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



15.1172, 15.1259, 16.5910



28.2190, 29.1807, 31.8683



15.1170, 15.0804, 18.6372



6.6800, 6.8794, 7.5177



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.



15.1172, 15.1259, 16.5910



26.1087, 25.8590, 28.3938



15.1670, 15.4794, 15.8249



3.7250, 3.7173, 4.0785



8.4121, 4.2985, 2.1121



40.6562, 20.8126, 8.5189

Inverse Universe

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



15.1172, 15.1259, 16.5910



26.1087, 25.8590, 28.3938



15.1141, 16.3602, 18.8844



3.7250, 3.7173, 4.0785



8.4121, 4.2985, 2.1121



40.6562, 20.8126, 8.5189

Previews

White Background



This preview shows how the XYZ color 15.1168, 15.1252, 16.5907 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 15.1168, 15.1252, 16.5907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

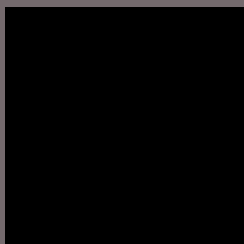
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1168, 15.1252, 16.5907

Background



This preview shows how black text looks on a background with the XYZ color 15.1168, 15.1252, 16.5907.



This preview shows how white text looks on a background with the XYZ color 15.1168, 15.1252,

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

15.1168, 15.1252, 16.5907

Protanopia

14.6074, 15.1659, 16.9093

Deuteranopia

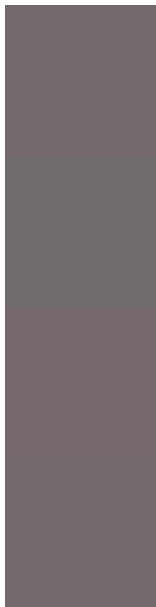
15.4196, 15.1292, 16.5755



Tritanopia

15.4250, 15.1000, 18.0212

Trichromacy



Original Color

15.1168, 15.1252, 16.5907

Protanomaly

14.7543, 15.0859, 16.8861

Deuteranomaly

15.2831, 15.0588, 16.5691

Tritanomaly

15.3123, 15.0549, 17.4281

Monochromacy



Original Color

15.1168, 15.1252, 16.5907

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8050, 15.2740, 16.6359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1168, 15.1252, 16.5907 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(116, 106, 109)` looks like.

```
.text, #text, p{  
    color:rgb(116, 106, 109)  
}
```

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(116, 106, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 106, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.1168, 15.1252, 16.5907 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(116, 106, 109) }
```


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

```
.border{ border-color:rgb(116, 106, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 106, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 106, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 106, 109);  
box-shadow:4px 4px 4px 4px rgb(116, 106,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1168, 15.1252, 16.5907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 106, 109) }
```

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

```
.background{ background-color: rgb(116,  
106, 109) }
```

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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