

Converting Colors

XYZ(15.3295, 14.9339, 18.5459)

Have a look what the booklet for
XYZ(15.3295, 14.9339, 18.5459)
contains.

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Color

**XYZ(15.3052, 14.8746,
18.5874)**

Conversions

Conversions Part 1

Format	Color
Hex	746874
RGB	116, 104, 116
RGB Percent	45%, 41%, 45%
CMY	0.5451, 0.5921, 0.5451
CMYK	0.00, 0.10, 0.00, 0.55
HSL	300°, 5%, 43%
HSV	300°, 10%, 45%
XYZ	15.3052, 14.8746, 18.5874
YIQ	108.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

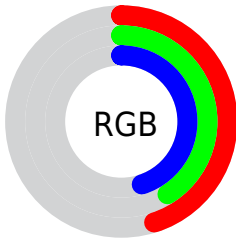
Format	Color
R_{YB}	116, 104, 116
Decimal	7628916
CIE _{Lab}	45.46, 7.10, -4.98
CIE _{LCh}	45, 8.671, 324.961
Yxy	14.8746, 0.3138, 0.3050
Android (android.graphics.Color)	4285818996 (0xFF746874)
YUV	108.9560, 3.4727, 6.1776
Hunter-Lab	38.5676, 3.3428, -1.5771

Details

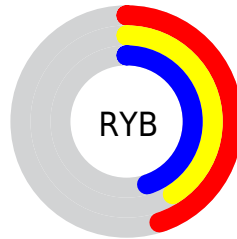
The XYZ color **15.3052, 14.8746, 18.5874** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4536, 16.4338, 15.5078**, and the grayscale version is **14.5135, 15.2694, 16.6283**.

A 20% lighter version of the original color is **34.9377, 34.5947, 41.8818**, and **4.8904, 4.5726, 6.0937** is the 20% darker color. If you saturate the color by 10%, you get **14.2171, 12.6983, 18.2248**, and if you desaturate by 10%, it is **16.5548, 17.3735, 19.0042**.

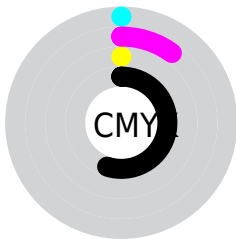
Distribution



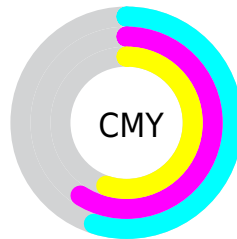
- Red (45%)
- Green (41%)
- Blue (45%)



- Red (45%)
- Yellow (41%)
- Blue (45%)



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



- Cyan (55%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3052, 14.8746, 18.5874 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 15.3052, 14.8746, 18.5874 by changing the saturation by 10% instead.

■ 15.3052, 14.8746,
18.5874

■ 15.3052, 14.8746,
18.5874

218.5581,
222.6060, 256.5078

■ 9.1216, 8.7314,
11.1987

■ 34.9550, 34.6330,
41.8631

■ 4.8783, 4.5664,
6.0848

■ 49.1519, 49.0171,
58.5872

■ 2.2101, 1.9952,
2.8271

■ 66.7505, 66.9169,
79.2602

■ 0.7480, 0.6047,
1.0070

■ 88.1163, 88.7168,
104.3007

■ 0.0000, 0.0000,
0.0000

113.6146,
114.8013, 134.1271

143.6108,

145.5547, 169.1581

178.4701,
181.3615, 209.8121

■ 15.3052, 14.8746,
18.5874

■ 15.3052, 14.8746,
18.5874

■ 14.2171, 12.6983,
18.2248

■ 16.5548, 17.3735,
19.0042

■ 13.2828, 10.8296,
17.9132

■ 17.9707, 20.2053,
19.4763

■ 12.4956, 9.2552,
17.6506

■ 19.5593, 23.3824,
20.0060

■ 11.8480, 7.9602,
17.4346

■ 21.3260, 26.9157,
20.5950

■ 11.3320, 6.9282,
17.2625

■ 23.2761, 30.8160,
21.2452

■ 10.9385, 6.1412,
17.1312

■ 25.4148, 35.0932,
21.9582

■ 10.6573, 5.5789,
17.0374

■ 27.7468, 39.7573,
22.7357

■ 10.4768, 5.2180,
16.9770

■ 30.2770, 44.8176,
23.5792

■ 10.3548, 4.9740,
16.9362

■ 33.0097, 50.2831,
24.4903

Harmonies

Analogous

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



14.7318, 14.8746, 20.0743



15.3052, 14.8746, 18.5874



15.5663, 14.8746, 16.5476

Triad

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



15.3052, 14.8746, 18.5874



14.2601, 14.8746, 12.5496



12.9163, 14.8746, 17.9323

Complementary

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



15.3052, 14.8746, 18.5874



14.4536, 16.4338, 15.5078

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.



12.7996, 14.8746, 15.8492



15.3052, 14.8746, 18.5874



13.5601, 14.8746, 12.8523

Square

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



15.3052, 14.8746, 18.5874



14.9499, 14.8746, 13.1540



13.0314, 14.8746, 14.0189



13.3557, 14.8746, 19.6740

Rectangle

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



15.3052, 14.8746, 18.5874



15.5219, 14.8746, 15.1911



13.0314, 14.8746, 14.0189



12.8387, 14.8746, 17.2441

Sweetspot

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



15.3056, 14.8752, 18.5877



28.4711, 29.2815, 33.1957



13.8123, 14.1054, 18.5180



6.7539, 6.9090, 7.9065



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.



15.3056, 14.8752, 18.5877



26.5070, 25.3535, 32.5408



14.9678, 14.7401, 16.8087



3.8266, 3.7579, 4.6139



11.6202, 5.5818, 19.0059



56.6266, 27.2007, 92.6178

Inverse Universe

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



15.3056, 14.8752, 18.5877



26.5070, 25.3535, 32.5408



14.7693, 16.5601, 17.1704



3.8266, 3.7579, 4.6139



11.6202, 5.5818, 19.0059



56.6266, 27.2007, 92.6178

Previews

White Background



This preview shows how the XYZ color 15.3052, 14.8746, 18.5874 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 15.3052, 14.8746, 18.5874 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 15.3052, 14.8746, 18.5874

Background



This preview shows how black text looks on a background with the XYZ color 15.3052, 14.8746, 18.5874.



This preview shows how white text looks on a background with the XYZ color 15.3052, 14.8746,

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

15.3052, 14.8746, 18.5874

Protanopia

14.5911, 14.9492, 19.2560

Deuteranopia

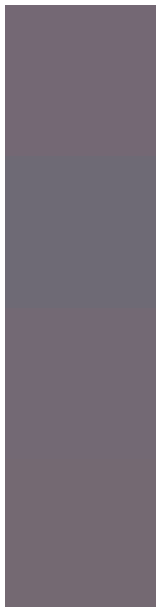
15.1434, 14.9415, 18.6089



Tritanopia

15.2347, 15.0084, 17.7167

Trichromacy



Original Color

15.3052, 14.8746, 18.5874

Protanomaly

14.7953, 14.9074, 18.9272

Deuteranomaly

15.2742, 15.0089, 18.6150

Tritanomaly

15.2913, 15.0311, 18.0149

Monochromacy



Original Color

15.3052, 14.8746, 18.5874

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8644, 15.1300, 17.4662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3052, 14.8746, 18.5874 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, 104, 116)` looks like.

```
.text, #text, p{  
    color:rgb(116, 104, 116)  
}
```

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, 104, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 104, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.3052, 14.8746, 18.5874 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, 104, 116) }
```


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

```
.border{ border-color:rgb(116, 104, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 104, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 104, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 104, 116);  
box-shadow:4px 4px 4px 4px rgb(116, 104,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3052, 14.8746, 18.5874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 104, 116) }
```

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

```
.background{ background-color: rgb(116,  
104, 116) }
```

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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