

Converting Colors

XYZ(18.5937, 16.6636, 15.8069)

Have a look what the booklet for
XYZ(18.5937, 16.6636, 15.8069)
contains.

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Color

**XYZ(18.5363, 16.6040,
15.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	8D686A
RGB	141, 104, 106
RGB Percent	55%, 41%, 42%
CMY	0.4471, 0.5921, 0.5843
CMYK	0.00, 0.26, 0.25, 0.45
HSL	357°, 15%, 48%
HSV	357°, 26%, 55%
XYZ	18.5363, 16.6040, 15.8636
YIQ	115.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

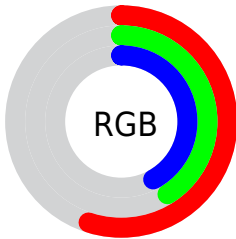
Format	Color
R_{YB}	141, 104, 106
Decimal	9267306
CIE _{Lab}	47.76, 15.14, 4.69
CIE _{LCh}	48, 15.849, 17.201
Yxy	16.6040, 0.3634, 0.3255
Android (android.graphics.Color)	4287457386 (0xFF8D686A)
YUV	115.2910, -4.5805, 22.5468
Hunter-Lab	40.7480, 9.8908, 5.4414

Details

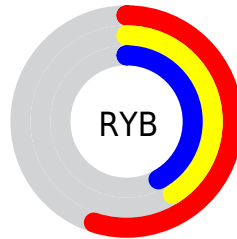
The XYZ color **18.5363, 16.6040, 15.8636** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8947, 23.8572, 27.9836**, and the grayscale version is **16.3934, 17.2471, 18.7821**.

A 20% lighter version of the original color is **40.3128, 37.4791, 37.0078**, and **6.4690, 5.4157, 4.8421** is the 20% darker color. If you saturate the color by 10%, you get **16.5934, 13.7432, 12.0557**, and if you desaturate by 10%, it is **20.8254, 19.9842, 20.3197**.

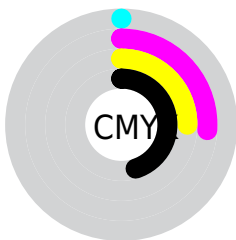
Distribution



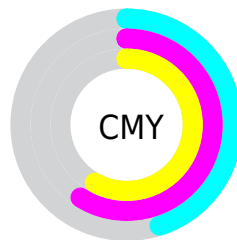
- Red (55%)
- Green (41%)
- Blue (42%)



- Red (55%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (25%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5363, 16.6040, 15.8636 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 18.5363, 16.6040, 15.8636 by changing the saturation by 10% instead.

■ 18.5363, 16.6040,
15.8636

■ 18.5363, 16.6040,
15.8636

236.8643,
232.8799, 240.3537

■ 11.4377, 9.9526,
9.2744

■ 40.4720, 37.6436,
37.1247

■ 6.4315, 5.3675,
4.8213

■ 56.0399, 52.8006,
52.6337

■ 3.1523, 2.4645,
2.0859

■ 75.1615, 71.5616,
71.9531

■ 1.2348, 0.8588,
0.6074

■ 98.2024, 94.3110,
95.5013

■ 0.1336, 0.0000,
0.0000

125.5277,
121.4331, 123.6969

■ 0.0000, 0.0000,
0.0000

157.5029,

153.3123, 156.9585

194.4933,
190.3331, 195.7045

■ 18.5363, 16.6040,
15.8636

■ 18.5363, 16.6040,
15.8636

■ 16.5934, 13.7432,
12.0557

■ 20.8254, 19.9842,
20.3197

■ 14.9785, 11.3739,
8.8648

■ 23.4749, 23.9052,
25.4510

■ 13.6739, 9.4690,
6.2588

■ 26.5000, 28.3902,
31.2845

■ 12.6598, 7.9982,
4.2021

■ 29.9144, 33.4602,
37.8452

■ 11.9137, 6.9271,
2.6553

■ 33.7315, 39.1353,
45.1569

■ 11.4103, 6.2167,
1.5739

■ 37.9636, 45.4344,
53.2425

■ 11.1123, 5.8060,
0.9033

■ 42.6228, 52.3757,
62.1236

■ 11.0262, 5.6794,
0.7336

■ 47.7206, 59.9769,
71.8212

■ 53.2680, 68.2545,
82.3555

Harmonies

Analogous

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



18.5968, 16.6040, 19.8672



18.5363, 16.6040, 15.8636



17.7104, 16.6040, 12.9268

Triad

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



18.5363, 16.6040, 15.8636



13.8617, 16.6040, 13.2693



15.1844, 16.6040, 26.8269

Complementary

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



18.5363, 16.6040, 15.8636



19.8947, 23.8572, 27.9836

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.



13.9982, 16.6040, 24.4451



18.5363, 16.6040, 15.8636



13.2659, 16.6040, 16.4013

Square

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



18.5363, 16.6040, 15.8636



14.9878, 16.6040, 11.5904



13.3143, 16.6040, 20.4915



16.6029, 16.6040, 26.6252

Rectangle

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



18.5363, 16.6040, 15.8636



16.8635, 16.6040, 11.7857



13.3143, 16.6040, 20.4915



14.7470, 16.6040, 26.2885

Sweetspot

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



18.5368, 16.6048, 15.8639



41.0709, 41.3753, 43.7055



20.3281, 17.2734, 27.4619



9.0237, 9.0199, 9.4724



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.5368, 16.6048, 15.8639



31.2330, 26.8434, 24.5684



20.2041, 20.1038, 15.9133



5.4200, 5.4285, 5.7095



10.0558, 5.1793, 0.6792



0.0980, 0.0503, 0.0164

Inverse Universe

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



18.5368, 16.6048, 15.8639



31.2330, 26.8434, 24.5684



17.8467, 19.5256, 28.0274



5.4200, 5.4285, 5.7095



10.0558, 5.1793, 0.6792



0.0980, 0.0503, 0.0164

Previews

White Background



This preview shows how the XYZ color 18.5363, 16.6040, 15.8636 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 18.5363, 16.6040, 15.8636 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 18.5363, 16.6040, 15.8636

Background



This preview shows how black text looks on a background with the XYZ color 18.5363, 16.6040, 15.8636.



This preview shows how white text looks on a background with the XYZ color 18.5363, 16.6040,

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

18.5363, 16.6040, 15.8636

Protanopia

15.9768, 16.6710, 17.4147

Deuteranopia

17.0278, 16.7610, 15.7023



Tritanopia

18.8748, 16.5990, 17.2480

Trichromacy



Original Color

18.5363, 16.6040, 15.8636

Protanomaly

16.7937, 16.6160, 16.7901

Deuteranomaly

17.5852, 16.7316, 15.6673

Tritanomaly

18.7659, 16.5554, 16.6744

Monochromacy



Original Color

18.5363, 16.6040, 15.8636

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9212, 16.8238, 17.6847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5363, 16.6040, 15.8636 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(141, 104, 106)` looks like.

```
.text, #text, p{  
    color:rgb(141, 104, 106)  
}
```

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(141, 104, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 104, 106) }
```

Border

The CSS property to change the border of an element to XYZ 18.5363, 16.6040, 15.8636 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(141, 104, 106) }
```


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

```
.border{ border-color:rgb(141, 104, 106) }
```

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

Here you see how a box with a 4 pixel rgb(141, 104, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 104, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 104, 106);  
box-shadow:4px 4px 4px 4px rgb(141, 104,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5363, 16.6040, 15.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 104, 106) }
```

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

```
.background{ background-color: rgb(141,  
104, 106) }
```

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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