

Converting Colors

XYZ(16.6017, 16.0195, 15.2405)

Have a look what the booklet for
XYZ(16.6017, 16.0195, 15.2405)
contains.

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Color

**XYZ(16.6585, 16.1041,
15.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	806B68
RGB	128, 107, 104
RGB Percent	50%, 42%, 41%
CMY	0.4980, 0.5804, 0.5922
CMYK	0.00, 0.16, 0.19, 0.50
HSL	8°, 10%, 45%
HSV	8°, 19%, 50%
XYZ	16.6585, 16.1041, 15.3271
YIQ	112.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

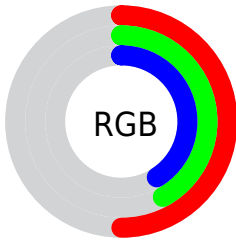
Format	Color
R_{YB}	128, 107, 104
Decimal	8416104
CIE _{Lab}	47.11, 7.78, 4.77
CIE _{LCh}	47, 9.131, 31.511
Yxy	16.1041, 0.3464, 0.3349
Android (android.graphics.Color)	4286606184 (0xFF806B68)
YUV	112.9370, -4.4059, 13.2103
Hunter-Lab	40.1299, 3.8705, 5.4459

Details

The XYZ color **16.6585, 16.1041, 15.3271** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9387, 19.1683, 23.2293**, and the grayscale version is **15.6876, 16.5046, 17.9735**.

A 20% lighter version of the original color is **37.1993, 36.6440, 36.1227**, and **5.4963, 5.1468, 4.5746** is the 20% darker color. If you saturate the color by 10%, you get **14.9642, 13.6782, 11.7945**, and if you desaturate by 10%, it is **18.6036, 18.8734, 19.4307**.

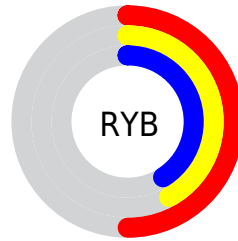
Distribution



Red (50%)

Green (42%)

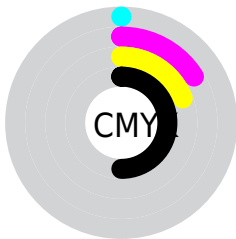
Blue (41%)



Red (50%)

Yellow (42%)

Blue (41%)

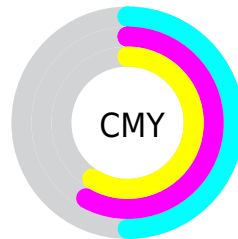


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (50%)



Cyan (50%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6585, 16.1041, 15.3271 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 16.6585, 16.1041, 15.3271 by changing the saturation by 10% instead.

■ 16.6585, 16.1041,
15.3271

■ 16.6585, 16.1041,
15.3271

226.3915,
229.9552, 237.0462

■ 10.0851, 9.5978,
8.9001

■ 37.2860, 36.7788,
36.1764

■ 5.5181, 5.1331,
4.5802

■ 52.0707, 51.7161,
51.4358

■ 2.5922, 2.3256,
1.9487

■ 70.3234, 70.2325,
70.4763

■ 0.9420, 0.7872,
0.5235

■ 92.4092, 92.7124,
93.7166

■ 0.0000, 0.0000,
0.0000

118.6935,
119.5403, 121.5753

149.5418,

151.1004, 154.4707

185.3193,
187.7773, 192.8215

■ 16.6585, 16.1041,
15.3271

■ 16.6585, 16.1041,
15.3271

■ 14.9642, 13.6782,
11.7945

■ 18.6036, 18.8734,
19.4307

■ 13.5093, 11.5802,
8.8065

■ 20.8078, 21.9965,
24.1280

■ 12.2832, 9.7967,
6.3363

■ 23.2807, 25.4861,
29.4416

■ 11.2742, 8.3125,
4.3544

■ 26.0309, 29.3535,
35.3927

■ 10.4694, 7.1110,
2.8283

■ 29.0667, 33.6096,
42.0016

■ 9.8548, 6.1742,
1.7215

■ 32.3960, 38.2648,
49.2875

■ 9.4141, 5.4819,
0.9918

■ 36.0265, 43.3293,
57.2690

■ 9.1179, 5.0066,
0.5318

■ 39.9654, 48.8126,
65.9637

■ 9.0877, 4.9602,
0.4784

■ 44.2198, 54.7242,
75.3890

Harmonies

Analogous

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



16.8996, 16.1041, 17.4185



16.6585, 16.1041, 15.3271



16.0535, 16.1041, 13.9339

Triad

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



16.6585, 16.1041, 15.3271



13.9913, 16.1041, 15.5122



15.3472, 16.1041, 22.3280

Complementary

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



16.6585, 16.1041, 15.3271



16.9387, 19.1683, 23.2293

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.



14.5830, 16.1041, 21.7077



16.6585, 16.1041, 15.3271



13.8168, 16.1041, 17.6513

Square

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



16.6585, 16.1041, 15.3271



14.5149, 16.1041, 14.0340



14.0296, 16.1041, 19.9445



16.1263, 16.1041, 21.5737

Rectangle

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



16.6585, 16.1041, 15.3271



15.5351, 16.1041, 13.5210



14.0296, 16.1041, 19.9445



15.0801, 16.1041, 22.2730

Sweetspot

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



16.6589, 16.1048, 15.3274



33.7231, 34.6043, 36.2679



17.5670, 15.9758, 21.6270



7.8498, 8.0370, 8.3942



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.6589, 16.1048, 15.3274



28.1589, 26.6805, 24.5341



17.9740, 18.7350, 15.7658



4.3678, 4.4243, 4.5439



9.0116, 4.9197, 0.4746



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9387, 19.1683, 23.2293



28.7344, 32.9889, 40.8093



15.5329, 16.3567, 22.7607



4.4020, 4.7980, 5.5074



9.6079, 13.0343, 22.2594



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6585, 16.1041, 15.3271 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 16.6585, 16.1041, 15.3271 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

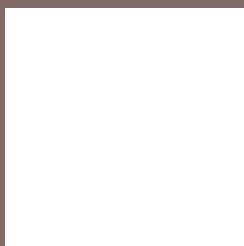
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6585, 16.1041, 15.3271

Background



This preview shows how black text looks on a background with the XYZ color 16.6585, 16.1041, 15.3271.



This preview shows how white text looks on a background with the XYZ color 16.6585, 16.1041,

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

16.6585, 16.1041, 15.3271

Protanopia

15.3562, 16.0543, 15.9251

Deuteranopia

16.4654, 16.1602, 15.3481



Tritanopia

17.2446, 16.1901, 18.1357

Trichromacy



Original Color

16.6585, 16.1041, 15.3271

Protanomaly

15.8715, 16.1649, 15.6482

Deuteranomaly

16.6136, 16.2366, 15.3551

Tritanomaly

17.0218, 16.1010, 16.9625

Monochromacy



Original Color

16.6585, 16.1041, 15.3271

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.9701, 16.3462, 17.0653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6585, 16.1041, 15.3271 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(128, 107, 104)` looks like.

```
.text, #text, p{  
    color:rgb(128, 107, 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(128, 107, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 107, 104) }
```

Border

The CSS property to change the border of an element to XYZ 16.6585, 16.1041, 15.3271 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(128, 107, 104) }
```


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

```
.border{ border-color:rgb(128, 107, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 107, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 107, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 107, 104);  
box-shadow:4px 4px 4px 4px rgb(128, 107,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6585, 16.1041, 15.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 107, 104) }
```

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

```
.background{ background-color: rgb(128,  
107, 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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