

Converting Colors

XYZ(16.6876, 17.9986, 18.5338)

Have a look what the booklet for
XYZ(16.6876, 17.9986, 18.5338)
contains.

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Color

**XYZ(16.7043, 18.0534,
18.5238)**

Conversions

Conversions Part 1

Format	Color
Hex	737772
RGB	115, 119, 114
RGB Percent	45%, 47%, 45%
CMY	0.5490, 0.5333, 0.5529
CMYK	0.03, 0.00, 0.04, 0.53
HSL	108°, 2%, 46%
HSV	108°, 4%, 47%
XYZ	16.7043, 18.0534, 18.5238
YIQ	117.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

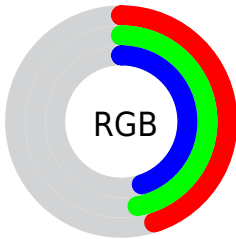
Format	Color
RYB	114, 119, 118
Decimal	7567218
CIELab	49.56, -2.52, 2.22
CIELCh	50, 3.355, 138.677
Yxy	18.0534, 0.3135, 0.3388
Android (android.graphics.Color)	4285757298 (0xFF737772)
YUV	117.2340, -1.5944, -1.9592
Hunter-Lab	42.4893, -4.1805, 3.8942

Details

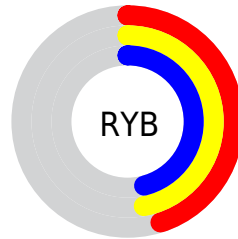
The XYZ color **16.7043, 18.0534, 18.5238** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8190, 17.2186, 19.8908**, and the grayscale version is **16.9865, 17.8711, 19.4616**.

A 20% lighter version of the original color is **37.3822, 40.0945, 41.8451**, and **5.5513, 6.0931, 6.0378** is the 20% darker color. If you saturate the color by 10%, you get **14.8826, 17.1880, 15.1297**, and if you desaturate by 10%, it is **18.7446, 19.0223, 22.3889**.

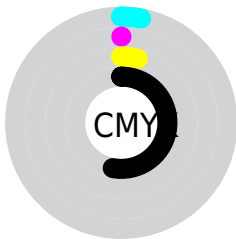
Distribution



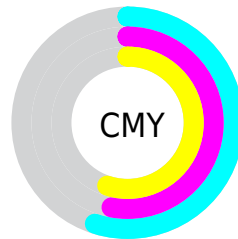
- Red (45%)
- Green (47%)
- Blue (45%)



- Red (45%)
- Yellow (47%)
- Blue (46%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7043, 18.0534, 18.5238 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 16.7043, 18.0534, 18.5238 by changing the saturation by 10% instead.

■ 16.7043, 18.0534,
18.5238

■ 16.7043, 18.0534,
18.5238

226.6522,
241.1719, 256.1416

■ 10.1179, 10.9883,
11.1534

■ 37.3643, 40.1283,
41.7538

■ 5.5401, 6.0590,
6.0546

■ 52.1686, 55.9069,
58.4504

■ 2.6055, 2.8810,
2.8090

■ 70.4430, 75.3588,
79.0929

■ 0.9487, 1.0699,
0.9980

■ 92.5526, 98.8685,
104.0998

■ 0.0000, 0.0000,
0.0000

118.8630,
126.8202, 133.8895

149.7395,

159.5984, 168.8807

185.5474,
197.5875, 209.4919

■ 16.7043, 18.0534,
18.5238

■ 16.7043, 18.0534,
18.5238

■ 14.8826, 17.1880,
15.1297

■ 18.7446, 19.0223,
22.3889

■ 13.2705, 16.4204,
12.1876

■ 21.0088, 20.0956,
26.7410

■ 11.8611, 15.7479,
9.6787

■ 23.5041, 21.2771,
31.5965

■ 10.6460, 15.1666,
7.5826

■ 26.2369, 22.5697,
36.9708

■ 9.6165, 14.6726,
5.8771

■ 29.2131, 23.9764,
42.8787

■ 8.7633, 14.2615,
4.5380

■ 32.4388, 25.4997,
49.3343

■ 8.0760, 13.9286,
3.5384

■ 35.9196, 27.1424,
56.3513

■ 7.5432, 13.6687,
2.8479

■ 39.6609, 28.9069,
63.9428

■ 7.1503, 13.4752,
2.4222

■ 43.6680, 30.7959,
72.1216

Harmonies

Analogous

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



16.9642, 18.0534, 18.0451



16.7043, 18.0534, 18.5238



16.5669, 18.0534, 19.3154

Triad

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



16.7043, 18.0534, 18.5238



17.0395, 18.0534, 21.4238



17.7447, 18.0534, 19.1019

Complementary

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



16.7043, 18.0534, 18.5238



16.8190, 17.2186, 19.8908

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.



17.7655, 18.0534, 20.0028



16.7043, 18.0534, 18.5238



17.3557, 18.0534, 21.3624

Square

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



16.7043, 18.0534, 18.5238



16.7588, 18.0534, 21.0011



17.6223, 18.0534, 20.8357



17.5660, 18.0534, 18.3716

Rectangle

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



16.7043, 18.0534, 18.5238



16.5621, 18.0534, 19.9223



17.6223, 18.0534, 20.8357



17.7705, 18.0534, 19.3942

Sweetspot

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



16.7048, 18.0542, 18.5242



31.0300, 32.8591, 35.2764



17.1242, 18.0946, 18.5099



7.3603, 7.7904, 8.3724



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.7048, 18.0542, 18.5242



29.5946, 32.1775, 32.5737



16.6602, 18.0212, 18.9717



3.8604, 4.2052, 4.2391



7.3966, 14.2174, 2.3544



35.4674, 68.9859, 11.4463

Inverse Universe

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



16.8190, 17.2186, 19.8908



29.8425, 30.3632, 35.5409



16.8661, 17.2532, 19.4262



3.8946, 3.9549, 4.6483



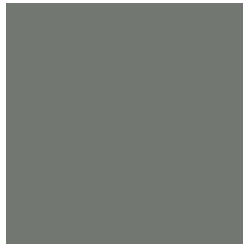
8.5678, 4.0082, 18.8647



41.0463, 19.1687, 91.8968

Previews

White Background



This preview shows how the XYZ color 16.7043, 18.0534, 18.5238 looks on a white background.

Color Contrast Check

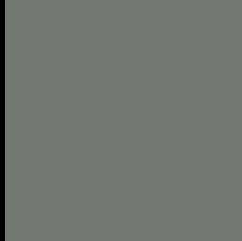
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.7043, 18.0534, 18.5238 looks on a black 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

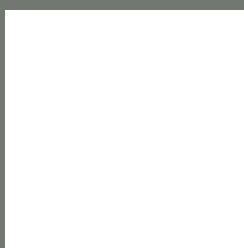
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7043, 18.0534, 18.5238

Background



This preview shows how black text looks on a background with the XYZ color 16.7043, 18.0534, 18.5238.



This preview shows how white text looks on a background with the XYZ color 16.7043, 18.0534,

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

16.7043, 18.0534, 18.5238

Protanopia

17.2271, 17.9798, 18.1853

Deuteranopia

18.3177, 18.0183, 18.7321



Tritanopia

17.4633, 18.0108, 22.2947

Trichromacy



Original Color

16.7043, 18.0534, 18.5238

Protanomaly

17.0668, 18.0711, 18.2113

Deuteranomaly

17.7974, 18.0886, 18.7731

Tritanomaly

17.1937, 18.0750, 20.9950

Monochromacy



Original Color

16.7043, 18.0534, 18.5238

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8333, 17.9308, 19.0968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7043, 18.0534, 18.5238 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(115, 119, 114)` looks like.

```
.text, #text, p{  
    color:rgb(115, 119, 114)  
}
```

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(115, 119, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 119, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.7043, 18.0534, 18.5238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

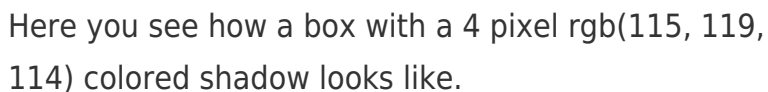
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 119, 114) }
```


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

```
.border{ border-color:rgb(115, 119, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 119, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 119, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 119, 114); box-shadow:4px 4px 4px 4px rgb(115, 119, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7043, 18.0534, 18.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 119, 114) }
```

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

```
.background{ background-color: rgb(115,  
119, 114) }
```

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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