

Converting Colors

XYZ(16.4269, 18.0450, 18.0241)

Have a look what the booklet for
XYZ(16.4269, 18.0450, 18.0241)
contains.

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Color

**XYZ(16.4512, 18.1135,
17.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	717870
RGB	113, 120, 112
RGB Percent	44%, 47%, 44%
CMY	0.5569, 0.5294, 0.5608
CMYK	0.06, 0.00, 0.07, 0.53
HSL	112°, 3%, 45%
HSV	112°, 7%, 47%
XYZ	16.4512, 18.1135, 17.9584
YIQ	116.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

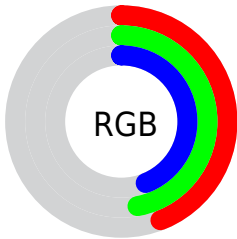
Format	Color
R_{YB}	112, 120, 119
Decimal	7436400
CIE Lab	49.63, -4.25, 3.48
CIE LCh	50, 5.497, 140.720
Yxy	18.1135, 0.3132, 0.3449
Android (android.graphics.Color)	4285626480 (0xFF717870)
YUV	116.9950, -2.4625, -3.5036
Hunter-Lab	42.5600, -5.4822, 4.7742

Details

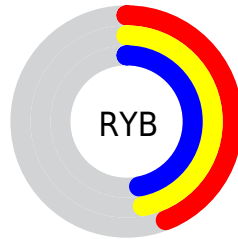
The XYZ color **16.4512, 18.1135, 17.9584** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7927, 16.8668, 20.1407**, and the grayscale version is **16.9151, 17.7961, 19.3799**.

A 20% lighter version of the original color is **36.9704, 40.1847, 40.9298**, and **5.4228, 6.1287, 5.7476** is the 20% darker color. If you saturate the color by 10%, you get **14.5536, 17.2079, 14.6111**, and if you desaturate by 10%, it is **18.5952, 19.1369, 21.7829**.

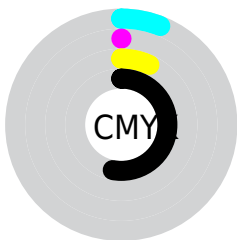
Distribution



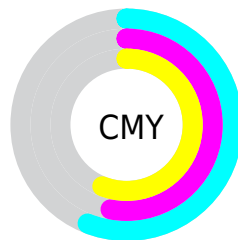
- Red (44%)
- Green (47%)
- Blue (44%)



- Red (44%)
- Yellow (47%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4512, 18.1135, 17.9584 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 16.4512, 18.1135, 17.9584 by changing the saturation by 10% instead.

■ 16.4512, 18.1135,
17.9584

■ 16.4512, 18.1135,
17.9584

225.2081,
241.5100, 252.8647

■ 9.9369, 11.0315,
10.7510

■ 36.9309, 40.2306,
40.7794

■ 5.4191, 6.0880,
5.7876

■ 51.6270, 56.0346,
57.2301

■ 2.5324, 2.8987,
2.6497

■ 69.7810, 75.5146,
77.5989

■ 0.9116, 1.0791,
0.9179

■ 91.7584, 99.0551,
102.3045

■ 0.0000, 0.0000,
0.0000

117.9244,
127.0405, 131.7653

148.6445,

159.8552, 166.3999

184.2839,
197.8836, 206.6269

■ 16.4512, 18.1135,
17.9584

■ 16.4512, 18.1135,
17.9584

■ 14.5536, 17.2079,
14.6111

■ 18.5952, 19.1369,
21.7829

■ 12.8920, 16.4136,
11.7212

■ 20.9925, 20.2797,
26.1010

■ 11.4578, 15.7270,
9.2692

■ 23.6516, 21.5463,
30.9300

■ 10.2409, 15.1434,
7.2337

■ 26.5799, 22.9404,
36.2856

■ 9.2306, 14.6579,
5.5915

■ 29.7849, 24.4654,
42.1833

■ 8.4153, 14.2650,
4.3173

■ 33.2735, 26.1246,
48.6376

■ 7.7822, 13.9586,
3.3827

■ 37.0525, 27.9212,
55.6627

■ 7.3171, 13.7323,
2.7551

■ 41.1285, 29.8583,
63.2720

■ 6.9976, 13.5759,
2.3664

■ 45.5078, 31.9387,
71.4788

Harmonies

Analogous

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



16.8637, 18.1135, 17.1548



16.4512, 18.1135, 17.9584



16.2449, 18.1135, 19.2627

Triad

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



16.4512, 18.1135, 17.9584



17.0550, 18.1135, 22.6970



18.1721, 18.1135, 18.7231

Complementary

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



16.4512, 18.1135, 17.9584



16.7927, 16.8668, 20.1407

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.



18.2258, 18.1135, 20.1896



16.4512, 18.1135, 17.9584



17.5738, 18.1135, 22.5345

Square

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



16.4512, 18.1135, 17.9584



16.5888, 18.1135, 22.0318



18.0048, 18.1135, 21.5985



17.8595, 18.1135, 17.5805

Rectangle

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



16.4512, 18.1135, 17.9584



16.2491, 18.1135, 20.2619



18.0048, 18.1135, 21.5985



18.2213, 18.1135, 19.1928

Sweetspot

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



16.4517, 18.1143, 17.9588



30.6210, 32.6632, 34.5853



17.2600, 18.3415, 17.9601



7.2704, 7.7473, 8.2205



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.



16.4517, 18.1143, 17.9588



28.3966, 31.6016, 30.6318



16.4898, 18.1147, 18.8274



3.9932, 4.4718, 4.2772



7.5346, 14.7614, 2.4521



35.5341, 70.2039, 11.6779

Inverse Universe

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



16.7927, 16.8668, 20.1407



29.1264, 28.9313, 35.3022



16.7553, 16.8678, 19.2235



4.1076, 4.0533, 5.0091



10.0456, 4.7515, 19.7730



47.4266, 22.4113, 94.2959

Previews

White Background



This preview shows how the XYZ color 16.4512, 18.1135, 17.9584 looks on a white background.

Color Contrast Check

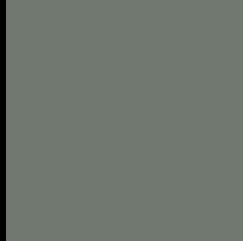
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4512, 18.1135, 17.9584 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

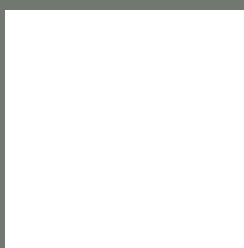
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4512, 18.1135, 17.9584

Background



This preview shows how black text looks on a background with the XYZ color 16.4512, 18.1135, 17.9584.



This preview shows how white text looks on a background with the XYZ color 16.4512, 18.1135,

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

16.4512, 18.1135, 17.9584

Protanopia

17.2566, 18.0079, 17.6053

Deuteranopia

18.3580, 18.0522, 18.1396



Tritanopia

17.3794, 18.1340, 22.6629

Trichromacy



Original Color

16.4512, 18.1135, 17.9584

Protanomaly

16.9554, 18.0265, 17.6247

Deuteranomaly

17.5382, 17.9681, 18.1666

Tritanomaly

17.0491, 18.1762, 21.0221

Monochromacy



Original Color

16.4512, 18.1135, 17.9584

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.7754, 17.9077, 18.7920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4512, 18.1135, 17.9584 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(113, 120, 112) looks like.

```
.text, #text, p{  
    color:rgb(113, 120, 112)  
}
```

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(113, 120, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 120, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.4512, 18.1135, 17.9584 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(113, 120, 112) }
```


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

```
.border{ border-color:rgb(113, 120, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 120, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 120, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 120, 112);  
box-shadow:4px 4px 4px 4px rgb(113, 120,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4512, 18.1135, 17.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 120, 112) }
```

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

```
.background{ background-color: rgb(113,  
120, 112) }
```

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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