

Converting Colors

XYZ(15.7043, 16.1443, 18.3633)

Have a look what the booklet for
XYZ(15.7043, 16.1443, 18.3633)
contains.

XYZ(15.7184, 16.1841, 18.5150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.7184, 16.1841,
18.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	726F73
RGB	114, 111, 115
RGB Percent	45%, 44%, 45%
CMY	0.5529, 0.5647, 0.5490
CMYK	0.01, 0.03, 0.00, 0.55
HSL	285°, 2%, 44%
HSV	285°, 3%, 45%
XYZ	15.7184, 16.1841, 18.5150
YIQ	112.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

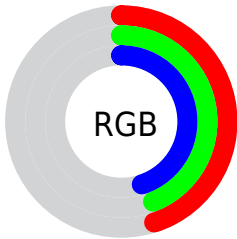
Format	Color
RYB	114, 111, 115
Decimal	7499635
CIELab	47.22, 1.97, -1.81
CIELCh	47, 2.675, 317.389
Yxy	16.1841, 0.3118, 0.3210
Android (android.graphics.Color)	4285689715 (0xFF726F73)
YUV	112.3530, 1.3050, 1.4444
Hunter-Lab	40.2295, -0.6583, 0.8733

Details

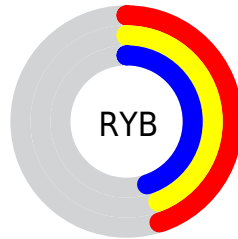
The XYZ color **15.7184, 16.1841, 18.5150** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6826, 16.8543, 17.4664**, and the grayscale version is **15.5014, 16.3087, 17.7602**.

A 20% lighter version of the original color is **35.7981, 37.0914, 41.8318**, and **5.0374, 5.1185, 6.0327** is the 20% darker color. If you saturate the color by 10%, you get **14.1755, 13.6447, 18.1064**, and if you desaturate by 10%, it is **17.4355, 19.0541, 18.9787**.

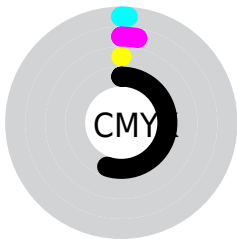
Distribution



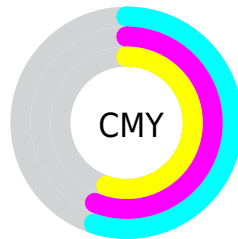
- Red (45%)
- Green (44%)
- Blue (45%)



- Red (45%)
- Yellow (44%)
- Blue (45%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7184, 16.1841, 18.5150 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 15.7184, 16.1841, 18.5150 by changing the saturation by 10% instead.

■ 15.7184, 16.1841,
18.5150

■ 15.7184, 16.1841,
18.5150

220.9775,
230.4256, 256.0909

■ 9.4147, 9.6545,
11.1471

■ 35.6700, 36.9175,
41.7387

■ 5.0719, 5.1705,
6.0505

■ 50.0487, 51.8901,
58.4315

■ 2.3247, 2.3476,
2.8065

■ 67.8497, 70.4459,
79.0698

■ 0.8073, 0.7988,
0.9967

■ 89.4384, 92.9692,
104.0720

■ 0.0000, 0.0000,
0.0000

115.1802,
119.8444, 133.8566

145.4404,

151.4560, 168.8423

180.5844,
188.1882, 209.4476

■ 15.7184, 16.1841,
18.5150

■ 15.7184, 16.1841,
18.5150

■ 14.1755, 13.6447,
18.1064

■ 17.4355, 19.0541,
18.9787

■ 12.7993, 11.4216,
17.7498

■ 19.3314, 22.2642,
19.4984

■ 11.5836, 9.5022,
17.4434

■ 21.4121, 25.8262,
20.0763

■ 10.5213, 7.8728,
17.1849

■ 23.6831, 29.7507,
20.7141

■ 9.6047, 6.5180,
16.9717

■ 26.1493, 34.0478,
21.4135

■ 8.8256, 5.4215,
16.8011

■ 28.8159, 38.7272,
22.1762

■ 8.1747, 4.5650,
16.6701

■ 31.6874, 43.7983,
23.0037

■ 7.6416, 3.9277,
16.5752

■ 34.7685, 49.2700,
23.8974

■ 7.2121, 3.4814,
16.5117

■ 38.0637, 55.1512,
24.8589

Harmonies

Analogous

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



15.5183, 16.1841, 18.8894



15.7184, 16.1841, 18.5150



15.8289, 16.1841, 17.9066

Triad

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



15.7184, 16.1841, 18.5150



15.4816, 16.1841, 16.3854



14.9541, 16.1841, 18.0124

Complementary

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



15.7184, 16.1841, 18.5150



15.6826, 16.8543, 17.4664

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.



14.9445, 16.1841, 17.3399



15.7184, 16.1841, 18.5150



15.2475, 16.1841, 16.4121

Square

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



15.7184, 16.1841, 18.5150



15.6913, 16.1841, 16.6838



15.0514, 16.1841, 16.7577



15.0778, 16.1841, 18.5942

Rectangle

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



15.7184, 16.1841, 18.5150



15.8363, 16.1841, 17.4554



15.0514, 16.1841, 16.7577



14.9375, 16.1841, 17.7891

Sweetspot

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



15.7189, 16.1848, 18.5154



28.8714, 30.1852, 33.3492



15.4522, 16.2211, 18.5364



6.8933, 7.2104, 7.9574



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.



15.7189, 16.1848, 18.5154



27.9646, 28.6786, 33.1061



15.7962, 16.2308, 18.2401



3.9210, 4.0102, 4.6576



7.9309, 3.6799, 18.8348



37.8351, 17.5132, 91.7465

Inverse Universe

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



15.6798, 16.1843, 17.6274



27.8829, 28.6778, 31.2341



15.6078, 16.8097, 17.7324



3.9084, 4.0101, 4.3675



8.3249, 4.2637, 1.6534



40.2714, 20.6587, 6.4923

Previews

White Background



This preview shows how the XYZ color 15.7184, 16.1841, 18.5150 looks on a white background.

Color Contrast Check

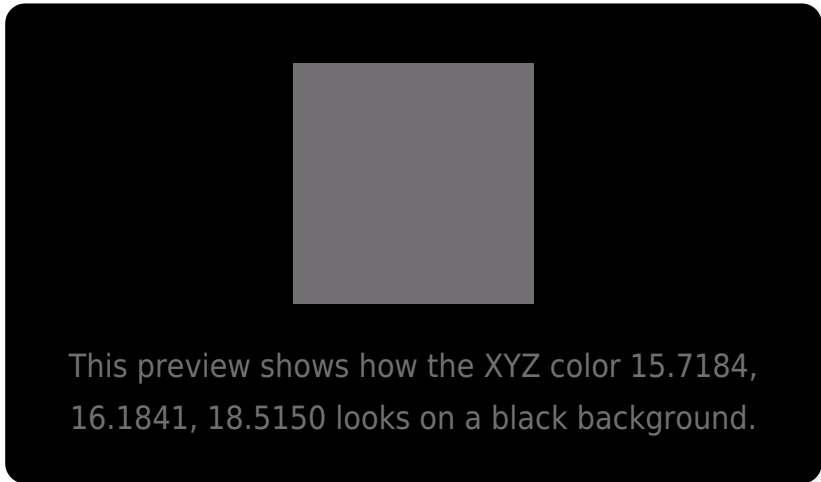
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

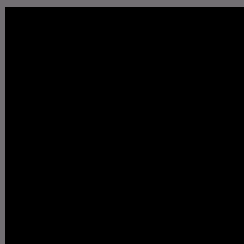
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

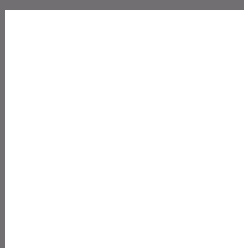
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7184, 16.1841, 18.5150

Background



This preview shows how black text looks on a background with the XYZ color 15.7184, 16.1841, 18.5150.



This preview shows how white text looks on a background with the XYZ color 15.7184, 16.1841,

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

15.7184, 16.1841, 18.5150

Protanopia

15.5890, 16.1174, 18.5090

Deuteranopia

16.4483, 16.2400, 18.4874



Tritanopia

15.9759, 16.1286, 19.7239

Trichromacy



Original Color

15.7184, 16.1841, 18.5150

Protanomaly

15.5890, 16.1174, 18.5090

Deuteranomaly

16.1417, 16.2412, 18.5038

Tritanomaly

15.9162, 16.1047, 19.4092

Monochromacy



Original Color

15.7184, 16.1841, 18.5150

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.5849, 16.2913, 17.9459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7184, 16.1841, 18.5150 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(114, 111, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 111, 115)  
}
```

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(114, 111, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 111, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.7184, 16.1841, 18.5150 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(114, 111, 115) }
```


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

```
.border{ border-color:rgb(114, 111, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 111, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 111, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 111, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 111,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7184, 16.1841, 18.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 111, 115) }
```

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

```
.background{ background-color: rgb(114,  
111, 115) }
```

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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