

Converting Colors

XYZ(14.7446, 15.8986, 17.5656)

Have a look what the booklet for
XYZ(14.7446, 15.8986, 17.5656)
contains.

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Color

**XYZ(14.7822, 15.8840,
17.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7070
RGB	107, 112, 112
RGB Percent	42%, 44%, 44%
CMY	0.5804, 0.5608, 0.5608
CMYK	0.04, 0.00, 0.00, 0.56
HSL	180°, 2%, 43%
HSV	180°, 4%, 44%
XYZ	14.7822, 15.8840, 17.6160
YIQ	110.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

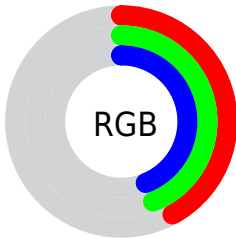
Format	Color
R_{YB}	107, 110, 112
Decimal	7041136
CIE Lab	46.82, -1.90, -0.67
CIE LCh	47, 2.010, 199.347
Yxy	15.8840, 0.3062, 0.3290
Android (android.graphics.Color)	4285231216 (0xFF6B7070)
YUV	110.5050, 0.7370, -3.0739
Hunter-Lab	39.8547, -3.5398, 1.6918

Details

The XYZ color **14.7822, 15.8840, 17.6160** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5942, 15.0221, 16.0411**, and the grayscale version is **14.9652, 15.7445, 17.1458**.

A 20% lighter version of the original color is **34.0769, 36.5004, 40.3712**, and **4.6223, 4.9976, 5.5715** is the 20% darker color. If you saturate the color by 10%, you get **13.5218, 15.2347, 17.5560**, and if you desaturate by 10%, it is **16.2180, 16.6246, 17.6849**.

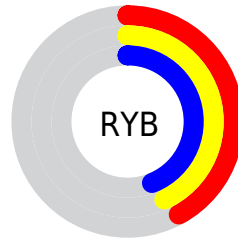
Distribution



Red (42%)

Green (44%)

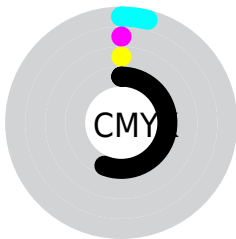
Blue (44%)



Red (42%)

Yellow (43%)

Blue (44%)

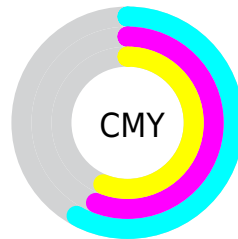


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7822, 15.8840, 17.6160 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 14.7822, 15.8840, 17.6160 by changing the saturation by 10% instead.

■ 14.7822, 15.8840,
17.6160

■ 14.7822, 15.8840,
17.6160

215.4587,
228.6563, 250.8606

■ 8.7520, 9.4421,
10.5081

■ 34.0454, 36.3967,
40.1870

■ 4.6356, 5.0307,
5.6271

■ 48.0092, 51.2363,
56.4871

■ 2.0676, 2.2653,
2.5546

■ 65.3481, 69.6439,
76.6883

■ 0.6715, 0.7552,
0.8689

■ 86.4277, 92.0040,
101.2093

■ 0.0000, 0.0000,
0.0000

111.6132,
118.7008, 130.4684

141.2699,

150.1189, 164.8843

175.7633,
186.6426, 204.8756

■ 14.7822, 15.8840,
17.6160

■ 14.7822, 15.8840,
17.6160

■ 13.5218, 15.2347,
17.5560

■ 16.2180, 16.6246,
17.6849

■ 12.4287, 14.6713,
17.5034

■ 17.8340, 17.4577,
17.7619

■ 11.4964, 14.1907,
17.4584

■ 19.6368, 18.3870,
17.8477

■ 10.7172, 13.7890,
17.4206

■ 21.6321, 19.4156,
17.9424

■ 10.0830, 13.4621,
17.3895

■ 23.8252, 20.5461,
18.0464

■ 9.5848, 13.2053,
17.3648

■ 26.2214, 21.7814,
18.1599

■ 9.2127, 13.0135,
17.3460

■ 28.8259, 23.1240,
18.2832

■ 8.9554, 12.8809,
17.3326

■ 31.6434, 24.5765,
18.4164

■ 8.7944, 12.7979,
17.3237

■ 34.6787, 26.1412,
18.5599

Harmonies

Analogous

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



14.7692, 15.8840, 17.1176



14.7822, 15.8840, 17.6160



14.8793, 15.8840, 18.0360

Triad

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



14.7822, 15.8840, 17.6160



15.3538, 15.8840, 17.9300



15.1595, 15.8840, 16.3657

Complementary

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



14.7822, 15.8840, 17.6160



14.5942, 15.0221, 16.0411

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.



15.3174, 15.8840, 16.5746



14.7822, 15.8840, 17.6160



15.4302, 15.8840, 17.4736

Square

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



14.7822, 15.8840, 17.6160



15.2089, 15.8840, 18.2197



15.4168, 15.8840, 16.9779



14.9861, 15.8840, 16.4021

Rectangle

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



14.7822, 15.8840, 17.6160



14.9790, 15.8840, 18.2119



15.4168, 15.8840, 16.9779



15.2162, 15.8840, 16.4094

Sweetspot

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



14.7827, 15.8847, 17.6163



26.8003, 28.3330, 30.9858



14.5219, 15.7815, 16.1909



6.4434, 6.8093, 7.4444



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.7827, 15.8847, 17.6163



25.8115, 27.8233, 30.9386



14.5196, 15.3583, 17.5292



3.5895, 3.8742, 4.3126



10.0764, 14.7481, 20.0211



50.1943, 73.4664, 99.7292

Inverse Universe

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



14.5942, 15.0221, 16.0411



25.4328, 26.0897, 27.7726



14.8497, 15.5333, 16.1257



3.5340, 3.6203, 3.8489



7.7252, 3.9825, 0.3630



38.4819, 19.8381, 1.8039

Previews

White Background



This preview shows how the XYZ color 14.7822, 15.8840, 17.6160 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 14.7822, 15.8840, 17.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

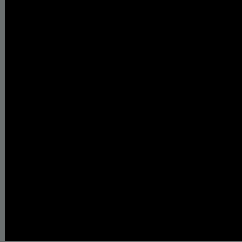
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

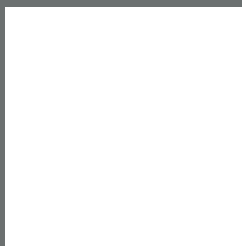
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7822, 15.8840, 17.6160

Background



This preview shows how black text looks on a background with the XYZ color 14.7822, 15.8840, 17.6160.



This preview shows how white text looks on a background with the XYZ color 14.7822, 15.8840,

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

14.7822, 15.8840, 17.6160

Protanopia

15.2552, 15.8103, 17.2866

Deuteranopia

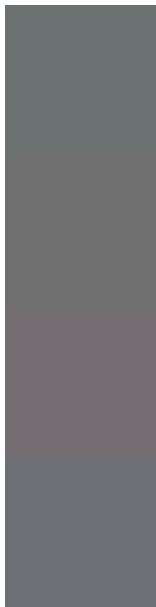
16.1235, 15.7726, 17.8174



Tritanopia

15.2589, 15.9131, 20.0366

Trichromacy



Original Color

14.7822, 15.8840, 17.6160

Protanomaly

15.1092, 15.8961, 17.3108

Deuteranomaly

15.6517, 15.8425, 17.8558

Tritanomaly

15.0797, 15.8414, 19.0925

Monochromacy



Original Color

14.7822, 15.8840, 17.6160

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9841, 15.8316, 17.3050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7822, 15.8840, 17.6160 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(107, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(107, 112, 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(107, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.7822, 15.8840, 17.6160 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(107, 112, 112) }
```


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

```
.border{ border-color:rgb(107, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(107, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7822, 15.8840, 17.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 112, 112) }
```

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

```
.background{ background-color: rgb(107,  
112, 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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