

Converting Colors

XYZ(15.8736, 17.3985, 19.9746)

Have a look what the booklet for
XYZ(15.8736, 17.3985, 19.9746)
contains.

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Color

**XYZ(15.8716, 17.4146,
19.9776)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7677
RGB	107, 118, 119
RGB Percent	42%, 46%, 47%
CMY	0.5804, 0.5372, 0.5333
CMYK	0.10, 0.01, 0.00, 0.53
HSL	185°, 5%, 44%
HSV	185°, 10%, 47%
XYZ	15.8716, 17.4146, 19.9776
YIQ	114.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

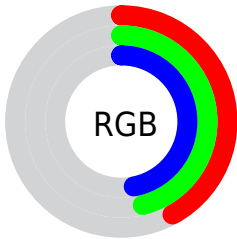
Format	Color
R_{YB}	107, 113, 119
Decimal	7042679
CIE _{Lab}	48.78, -3.88, -1.96
CIE _{LCh}	49, 4.347, 206.805
Yxy	17.4146, 0.2980, 0.3270
Android (android.graphics.Color)	4285232759 (0xFF6B7677)
YUV	114.8250, 2.0583, -6.8625
Hunter-Lab	41.7308, -5.1395, 0.8279

Details

The XYZ color **15.8716, 17.4146, 19.9776** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6242, 15.7084, 16.1187**, and the grayscale version is **16.2386, 17.0842, 18.6047**.

A 20% lighter version of the original color is **35.8260, 38.9588, 44.1597**, and **5.1910, 5.7959, 6.8064** is the 20% darker color. If you saturate the color by 10%, you get **14.4224, 16.4959, 19.8769**, and if you desaturate by 10%, it is **17.5199, 18.4387, 20.0887**.

Distribution



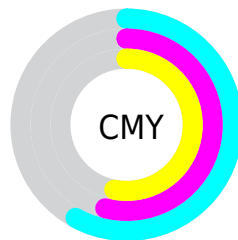
- Red (42%)
- Green (46%)
- Blue (47%)



- Red (42%)
- Yellow (44%)
- Blue (47%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8716, 17.4146, 19.9776 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 15.8716, 17.4146, 19.9776 by changing the saturation by 10% instead.

■ 15.8716, 17.4146,
19.9776

■ 15.8716, 17.4146,
19.9776

221.8682,
237.5504, 264.3941

■ 9.5236, 10.5305,
12.1948

■ 35.9344, 39.0373,
44.2381

■ 5.1441, 5.7521,
6.7524

■ 50.3799, 54.5446,
61.5529

■ 2.3677, 2.6949,
3.2316

■ 68.2553, 73.6952,
82.8822

■ 0.8290, 0.9746,
1.2141

■ 89.9260, 96.8734,
108.6445

■ 0.0000, 0.0000,
0.0000

115.7573,
124.4637, 139.2582

146.1145,

156.8503, 175.1421

181.3630,
194.4178, 216.7145

■ 15.8716, 17.4146,
19.9776

■ 15.8716, 17.4146,
19.9776

■ 14.4224, 16.4959,
19.8769

■ 17.5199, 18.4387,
20.0887

■ 13.1629, 15.6763,
19.7851

■ 19.3734, 19.5700,
20.2093

■ 12.0851, 14.9521,
19.7021

■ 21.4398, 20.8128,
20.3403

■ 11.1796, 14.3186,
19.6276

■ 23.7258, 22.1707,
20.4819

■ 10.4365, 13.7707,
19.5610

■ 26.2379, 23.6470,
20.6345

■ 9.8449, 13.3025,
19.5018

■ 28.9824, 25.2449,
20.7983

■ 9.3921, 12.9078,
19.4495

■ 31.9652, 26.9676,
20.9736

■ 9.0638, 12.5790,
19.4033

■ 35.1921, 28.8179,
21.1606

■ 8.8096, 12.2915,
19.3612

■ 38.6688, 30.7988,
21.3597

Harmonies

Analogous

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



15.7921, 17.4146, 18.8384



15.8716, 17.4146, 19.9776



16.1324, 17.4146, 20.8753

Triad

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



15.8716, 17.4146, 19.9776



17.2074, 17.4146, 20.1997



16.5952, 17.4146, 16.8358

Complementary

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



15.8716, 17.4146, 19.9776



15.6242, 15.7084, 16.1187

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.



16.9789, 17.4146, 17.1685



15.8716, 17.4146, 19.9776



17.3360, 17.4146, 19.0852

Square

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



15.8716, 17.4146, 19.9776



16.9031, 17.4146, 21.0071



17.2517, 17.4146, 17.9805



16.2059, 17.4146, 17.0533

Rectangle

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



15.8716, 17.4146, 19.9776



16.3762, 17.4146, 21.1998



17.2517, 17.4146, 17.9805



16.7291, 17.4146, 16.8866

Sweetspot

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



15.8721, 17.4153, 19.9780



30.4519, 32.4499, 35.9115



15.3566, 17.3982, 16.6806



7.1653, 7.6584, 8.5073



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.



15.8721, 17.4153, 19.9780



27.8154, 30.8041, 35.7328



15.2097, 16.0905, 19.7572



3.7585, 4.1057, 4.6846



9.3563, 13.0522, 20.5688



45.2915, 62.9995, 100.1333

Inverse Universe

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



16.1358, 15.7456, 19.3292



28.3851, 27.2145, 34.3277



16.2566, 16.9733, 16.3295



3.8141, 3.7529, 4.5480



11.0197, 5.3416, 15.8440



53.5478, 25.9692, 76.4051

Previews

White Background



This preview shows how the XYZ color 15.8716, 17.4146, 19.9776 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 15.8716, 17.4146, 19.9776 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

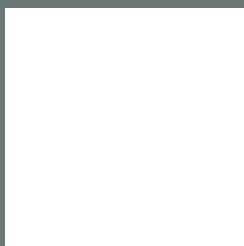
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8716, 17.4146, 19.9776

Background



This preview shows how black text looks on a background with the XYZ color 15.8716, 17.4146, 19.9776.



This preview shows how white text looks on a background with the XYZ color 15.8716, 17.4146,

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

15.8716, 17.4146, 19.9776

Protanopia

16.6777, 17.3277, 19.2952

Deuteranopia

17.6418, 17.3044, 20.1796



Tritanopia

16.3115, 17.4171, 22.2408

Trichromacy



Original Color

15.8716, 17.4146, 19.9776

Protanomaly

16.3255, 17.3095, 19.6202

Deuteranomaly

16.8787, 17.2422, 20.2078

Tritanomaly

16.1208, 17.3408, 21.2363

Monochromacy



Original Color

15.8716, 17.4146, 19.9776

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0799, 17.1965, 18.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8716, 17.4146, 19.9776 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, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(107, 118, 119)  
}
```

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, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 118, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.8716, 17.4146, 19.9776 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, 118, 119) }
```


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

```
.border{ border-color:rgb(107, 118, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 118, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(107, 118,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8716, 17.4146, 19.9776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 118, 119) }
```

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

```
.background{ background-color: rgb(107,  
118, 119) }
```

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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