

Converting Colors

XYZ(15.8067, 16.7945, 19.7423)

Have a look what the booklet for
XYZ(15.8067, 16.7945, 19.7423)
contains.

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Color

**XYZ(15.8909, 16.9084,
19.8789)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7377
RGB	110, 115, 119
RGB Percent	43%, 45%, 47%
CMY	0.5686, 0.5490, 0.5333
CMYK	0.08, 0.03, 0.00, 0.53
HSL	207°, 4%, 45%
HSV	207°, 8%, 47%
XYZ	15.8909, 16.9084, 19.8789
YIQ	113.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

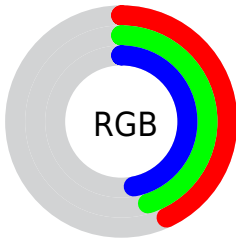
Format	Color
R_{YB}	110, 113, 119
Decimal	7238519
CIE _{Lab}	48.14, -1.04, -2.87
CIE _{LCh}	48, 3.047, 250.119
Yxy	16.9084, 0.3017, 0.3210
Android (android.graphics.Color)	4285428599 (0xFF6E7377)
YUV	113.9610, 2.4842, -3.4738
Hunter-Lab	41.1198, -2.9777, 0.1208

Details

The XYZ color **15.8909, 16.9084, 19.8789** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4395, 17.0821, 17.1828**, and the grayscale version is **15.9766, 16.8087, 18.3046**.

A 20% lighter version of the original color is **36.0697, 38.2591, 44.0117**, and **5.1311, 5.4934, 6.7511** is the 20% darker color. If you saturate the color by 10%, you get **13.9231, 15.0251, 19.6194**, and if you desaturate by 10%, it is **18.0931, 18.9648, 20.1600**.

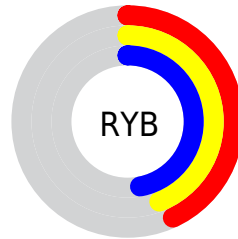
Distribution



Red (43%)

Green (45%)

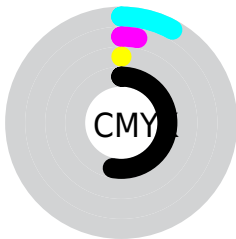
Blue (47%)



Red (43%)

Yellow (44%)

Blue (47%)

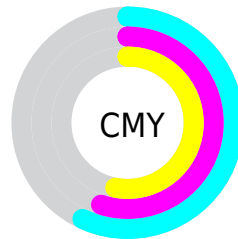


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8909, 16.9084, 19.8789 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 15.8909, 16.9084, 19.8789 by changing the saturation by 10% instead.

■ 15.8909, 16.9084,
19.8789

■ 15.8909, 16.9084,
19.8789

221.9801,
234.6440, 263.8413

■ 9.5373, 10.1692,
12.1238

■ 35.9677, 38.1682,
44.0704

■ 5.1532, 5.5113,
6.7045

■ 50.4216, 53.4576,
61.3438

■ 2.3731, 2.5503,
3.2024

■ 68.3064, 72.3659,
82.6272

■ 0.8317, 0.9017,
1.1989

■ 89.9873, 95.2774,
108.3390

■ 0.0000, 0.0000,
0.0000

115.8298,
122.5766, 138.8978

146.1992,

154.6478, 174.7220

181.4609,
191.8755, 216.2304

■ 15.8909, 16.9084,
19.8789

■ 15.8909, 16.9084,
19.8789

■ 13.9231, 15.0251,
19.6194

■ 18.0931, 18.9648,
20.1600

■ 12.1799, 13.3075,
19.3797

■ 20.5363, 21.1972,
20.4621

■ 10.6526, 11.7509,
19.1597

■ 23.2284, 23.6109,
20.7861

■ 9.3318, 10.3494,
18.9588

■ 26.1769, 26.2104,
21.1325

■ 8.2069, 9.0967,
18.7763

■ 29.3886, 29.0003,
21.5017

■ 7.2667, 7.9860,
18.6115

■ 32.8702, 31.9845,
21.8942

■ 6.4984, 7.0097,
18.4636

■ 36.6281, 35.1672,
22.3105

■ 5.8874, 6.1595,
18.3317

■ 40.6686, 38.5524,
22.7509

■ 5.3989, 5.4161,
18.2139

■ 44.9976, 42.1438,
23.2160

Harmonies

Analogous

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



15.6680, 16.9084, 19.4085



15.8909, 16.9084, 19.8789



16.1645, 16.9084, 19.9495

Triad

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



15.8909, 16.9084, 19.8789



16.5997, 16.9084, 18.1443



15.7309, 16.9084, 17.2710

Complementary

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



15.8909, 16.9084, 19.8789



16.4395, 17.0821, 17.1828

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.



15.9777, 16.9084, 16.9525



15.8909, 16.9084, 19.8789



16.4807, 16.9084, 17.4471

Square

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



15.8909, 16.9084, 19.8789



16.5758, 16.9084, 18.9328



16.2523, 16.9084, 17.0160



15.5764, 16.9084, 17.8977

Rectangle

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



15.8909, 16.9084, 19.8789



16.3390, 16.9084, 19.7583



16.2523, 16.9084, 17.0160



15.8058, 16.9084, 17.1251

Sweetspot

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



15.8914, 16.9091, 19.8793



30.5773, 32.2697, 35.8701



16.0590, 17.7216, 18.4642



7.2608, 7.6609, 8.5027



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.



15.8914, 16.9091, 19.8793



27.8410, 29.6961, 35.5176



15.4013, 15.9289, 19.7159



3.6536, 3.8959, 4.6497



5.6066, 5.5529, 19.3189



26.4569, 25.3303, 93.8551

Inverse Universe

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



16.2786, 16.3119, 18.5111



28.6809, 28.4161, 32.5459



16.9481, 18.0993, 17.3523



3.7612, 3.7318, 4.2692



9.1271, 4.5846, 5.8774



44.0410, 22.1665, 26.3428

Previews

White Background



This preview shows how the XYZ color 15.8909, 16.9084, 19.8789 looks on a white background.

Color Contrast Check

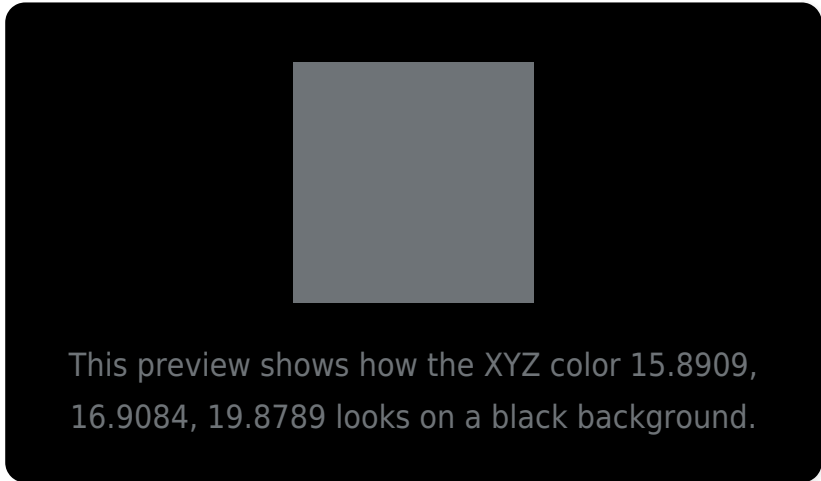
Large Text (above 18pt) WCAG AA ✓ Pass

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

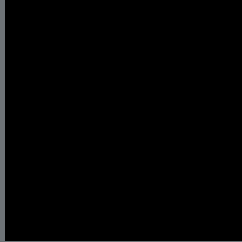
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

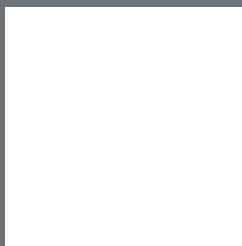
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8909, 16.9084, 19.8789

Background



This preview shows how black text looks on a background with the XYZ color 15.8909, 16.9084, 19.8789.



This preview shows how white text looks on a background with the XYZ color 15.8909, 16.9084,

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

15.8909, 16.9084, 19.8789

Protanopia

16.3576, 16.9875, 19.5563

Deuteranopia

17.2430, 16.9359, 20.1295



Tritanopia

16.1480, 16.8442, 21.1391

Trichromacy



Original Color

15.8909, 16.9084, 19.8789

Protanomaly

16.0974, 16.8533, 19.5441

Deuteranomaly

16.6555, 16.7960, 20.1334

Tritanomaly

16.0857, 16.8193, 20.8110

Monochromacy



Original Color

15.8909, 16.9084, 19.8789

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9798, 16.8063, 18.9247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8909, 16.9084, 19.8789 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(110, 115, 119)` looks like.

```
.text, #text, p{  
    color:rgb(110, 115, 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(110, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 115, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.8909, 16.9084, 19.8789 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(110, 115, 119) }
```


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

```
.border{ border-color:rgb(110, 115, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(110, 115,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8909, 16.9084, 19.8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 115, 119) }
```

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

```
.background{ background-color: rgb(110,  
115, 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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