

Converting Colors

XYZ(15.9289, 17.0171, 19.1823)

Have a look what the booklet for
XYZ(15.9289, 17.0171, 19.1823)
contains.

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Color

**XYZ(15.8972, 16.9253,
19.2587)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7375
RGB	111, 115, 117
RGB Percent	44%, 45%, 46%
CMY	0.5647, 0.5490, 0.5412
CMYK	0.05, 0.02, 0.00, 0.54
HSL	200°, 3%, 45%
HSV	200°, 5%, 46%
XYZ	15.8972, 16.9253, 19.2587
YIQ	114.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

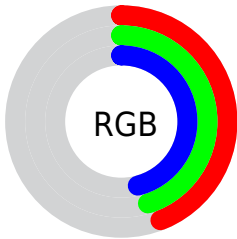
Format	Color
R_{YB}	111, 113, 117
Decimal	7304053
CIE Lab	48.17, -1.09, -1.64
CIE LCh	48, 1.967, 236.285
Yxy	16.9253, 0.3052, 0.3250
Android (android.graphics.Color)	4285494133 (0xFF6F7375)
YUV	114.0320, 1.4632, -2.6591
Hunter-Lab	41.1404, -3.0208, 1.0433

Details

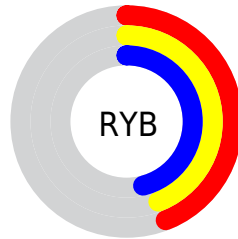
The XYZ color **15.8972, 16.9253, 19.2587** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1107, 16.7399, 17.4213**, and the grayscale version is **16.0006, 16.8339, 18.3321**.

A 20% lighter version of the original color is **36.0844, 38.2885, 43.0247**, and **5.1312, 5.5007, 6.4215** is the 20% darker color. If you saturate the color by 10%, you get **14.0854, 15.3459, 19.0496**, and if you desaturate by 10%, it is **17.9216, 18.6432, 19.4838**.

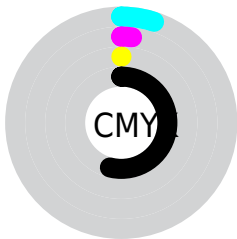
Distribution



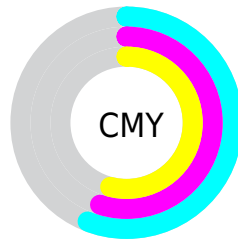
- Red (44%)
- Green (45%)
- Blue (46%)



- Red (44%)
- Yellow (44%)
- Blue (46%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (54%)



- Cyan (56%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8972, 16.9253, 19.2587 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 15.8972, 16.9253, 19.2587 by changing the saturation by 10% instead.

■ 15.8972, 16.9253,
19.2587

■ 15.8972, 16.9253,
19.2587

222.0167,
234.7415, 260.3434

■ 9.5418, 10.1812,
11.6787

■ 35.9785, 38.1973,
43.0133

■ 5.1562, 5.5193,
6.4054

■ 50.4352, 53.4940,
60.0249

■ 2.3749, 2.5551,
3.0204

■ 68.3230, 72.4104,
81.0175

■ 0.8326, 0.9041,
1.1050

■ 90.0073, 95.3309,
106.4095

■ 0.0000, 0.0000,
0.0000

115.8535,
122.6399, 136.6196

146.2269,

154.7217, 172.0663

181.4928,
191.9608, 213.1680

■ 15.8972, 16.9253,
19.2587

■ 15.8972, 16.9253,
19.2587

■ 14.0854, 15.3459,
19.0496

■ 17.9216, 18.6432,
19.4838

■ 12.4772, 13.8985,
18.8550

■ 20.1644, 20.5014,
19.7243

■ 11.0648, 12.5793,
18.6748

■ 22.6330, 22.5046,
19.9809

■ 9.8395, 11.3833,
18.5085

■ 25.3341, 24.6565,
20.2539

■ 8.7919, 10.3055,
18.3557

■ 28.2738, 26.9607,
20.5437

7.9117, 9.3401,
18.2158

31.4584, 29.4205,
20.8506

7.1874, 8.4809,
18.0881

34.8935, 32.0394,
21.1751

6.6060, 7.7207,
17.9720

38.5849, 34.8205,
21.5173

6.1456, 7.0478,
17.8664

42.5380, 37.7670,
21.8777

Harmonies

Analogous

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



15.7812, 16.9253, 18.8676



15.8972, 16.9253, 19.2587



16.0648, 16.9253, 19.4273

Triad

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



15.8972, 16.9253, 19.2587



16.4320, 16.9253, 18.4925



15.9355, 16.9253, 17.5613

Complementary

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



15.8972, 16.9253, 19.2587



16.1107, 16.7399, 17.4213

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.



16.1092, 16.9253, 17.4650



15.8972, 16.9253, 19.2587



16.3967, 16.9253, 17.9968

Square

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



15.8972, 16.9253, 19.2587



16.3742, 16.9253, 18.9799



16.2783, 16.9253, 17.6230



15.8031, 16.9253, 17.8884

Rectangle

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



15.8972, 16.9253, 19.2587



16.1834, 16.9253, 19.3887



16.2783, 16.9253, 17.6230



15.9909, 16.9253, 17.5011

Sweetspot

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



15.8977, 16.9260, 19.2591



29.5415, 31.2285, 34.6077



15.8922, 17.2924, 18.0938



6.8050, 7.1910, 7.9583



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.



15.8977, 16.9260, 19.2591



28.1171, 30.0072, 34.4470



15.5720, 16.2747, 19.1505



3.8082, 4.0658, 4.6743



6.5271, 7.3938, 19.6257



30.9960, 34.4085, 95.3681

Inverse Universe

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



16.1155, 16.3890, 18.5344



28.5832, 28.8645, 32.8947



16.4396, 17.3977, 17.5310



3.8732, 3.9067, 4.4579



9.5917, 4.7704, 8.3240



46.3321, 23.0829, 38.4077

Previews

White Background



This preview shows how the XYZ color 15.8972, 16.9253, 19.2587 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 15.8972, 16.9253, 19.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

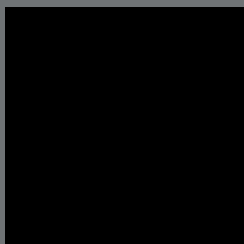
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

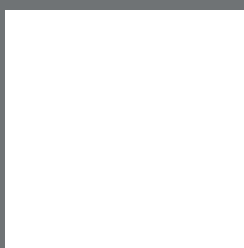
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8972, 16.9253, 19.2587

Background



This preview shows how black text looks on a background with the XYZ color 15.8972, 16.9253, 19.2587.



This preview shows how white text looks on a background with the XYZ color 15.8972, 16.9253,

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

15.8972, 16.9253, 19.2587

Protanopia

16.3722, 17.0086, 18.9431

Deuteranopia

17.2666, 16.9620, 19.5035



Tritanopia

16.2746, 16.9094, 21.1450

Trichromacy

**Original Color**

15.8972, 16.9253, 19.2587

Protanomaly

16.1091, 16.8730, 18.9308

Deuteranomaly

16.6719, 16.8183, 19.5071

Tritanomaly

16.1506, 16.8598, 20.4922

Monochromacy

**Original Color**

15.8972, 16.9253, 19.2587

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9219, 16.7831, 18.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8972, 16.9253, 19.2587 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(111, 115, 117)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 117)  
}
```

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(111, 115, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.8972, 16.9253, 19.2587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

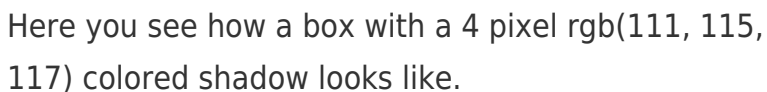
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 115, 117) }
```


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

```
.border{ border-color:rgb(111, 115, 117) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 115, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 115, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 115, 117); box-shadow:4px 4px 4px 4px rgb(111, 115, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8972, 16.9253, 19.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 117) }
```

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

```
.background{ background-color: rgb(111,  
115, 117) }
```

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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