

Converting Colors

XYZ(15.8932, 16.7945, 19.3923)

Have a look what the booklet for
XYZ(15.8932, 16.7945, 19.3923)
contains.

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Color

**XYZ(15.8429, 16.7221,
19.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7276
RGB	111, 114, 118
RGB Percent	44%, 45%, 46%
CMY	0.5647, 0.5529, 0.5373
CMYK	0.06, 0.03, 0.00, 0.54
HSL	214°, 3%, 45%
HSV	214°, 6%, 46%
XYZ	15.8429, 16.7221, 19.5322
YIQ	113.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

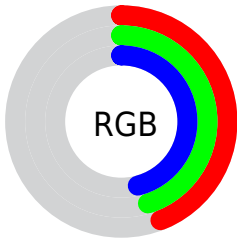
Format	Color
R_{YB}	111, 113, 118
Decimal	7303798
CIE _{Lab}	47.91, -0.29, -2.61
CIE _{LCh}	48, 2.626, 263.558
Yxy	16.7221, 0.3041, 0.3210
Android (android.graphics.Color)	4285493878 (0xFF6F7276)
YUV	113.5590, 2.1894, -2.2442
Hunter-Lab	40.8927, -2.4065, 0.3053

Details

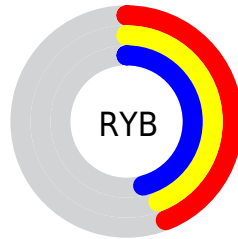
The XYZ color **15.8429, 16.7221, 19.5322** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4714, 17.2608, 17.5029**, and the grayscale version is **15.8570, 16.6828, 18.1676**.

A 20% lighter version of the original color is **35.9962, 37.9612, 43.4603**, and **5.1036, 5.3954, 6.5668** is the 20% darker color. If you saturate the color by 10%, you get **13.7227, 14.5421, 19.2234**, and if you desaturate by 10%, it is **18.2163, 19.1168, 19.8696**.

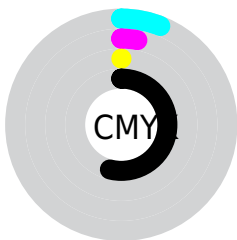
Distribution



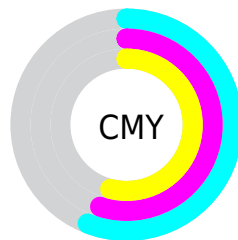
- Red (44%)
- Green (45%)
- Blue (46%)



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



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8429, 16.7221, 19.5322 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 15.8429, 16.7221, 19.5322 by changing the saturation by 10% instead.

■ 15.8429, 16.7221,
19.5322

■ 15.8429, 16.7221,
19.5322

221.7016,
233.5658, 261.8912

■ 9.5032, 10.0366,
11.8748

■ 35.8849, 37.8473,
43.4801

■ 5.1305, 5.4232,
6.5370

■ 50.3179, 53.0558,
60.6076

■ 2.3596, 2.4976,
3.1002

■ 68.1794, 71.8741,
81.7289

■ 0.8249, 0.8755,
1.1460

■ 89.8348, 94.6865,
107.2626

■ 0.0000, 0.0000,
0.0000

115.6493,
121.8775, 137.6271

145.9884,

153.8315, 173.2410

181.2173,
190.9328, 214.5229

■ 15.8429, 16.7221,
19.5322

■ 15.8429, 16.7221,
19.5322

■ 13.7227, 14.5421,
19.2234

■ 18.2163, 19.1168,
19.8696

■ 11.8454, 12.5682,
18.9414

■ 20.8498, 21.7300,
20.2352

■ 10.2022, 10.7946,
18.6856

■ 23.7518, 24.5683,
20.6301

■ 8.7829, 9.2142,
18.4554

■ 26.9301, 27.6372,
21.0549

■ 7.5769, 7.8193,
18.2497

■ 30.3919, 30.9420,
21.5104

■ 6.5723, 6.6019,
18.0677

■ 34.1442, 34.4880,
21.9970

■ 5.7563, 5.5532,
17.9083

■ 38.1939, 38.2801,
22.5155

■ 5.1140, 4.6633,
17.7703

■ 42.5474, 42.3232,
23.0665

■ 4.6186, 3.9159,
17.6522

■ 47.2111, 46.6220,
23.6504

Harmonies

Analogous

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



15.6253, 16.7221, 19.2751



15.8429, 16.7221, 19.5322



16.0762, 16.7221, 19.4273

Triad

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



15.8429, 16.7221, 19.5322



16.3142, 16.7221, 17.6921



15.5309, 16.7221, 17.4450

Complementary

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



15.8429, 16.7221, 19.5322



16.4714, 17.2608, 17.5029

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.



15.7128, 16.7221, 17.0399



15.8429, 16.7221, 19.5322



16.1654, 16.7221, 17.1801

Square

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



15.8429, 16.7221, 19.5322



16.3499, 16.7221, 18.3540



15.9449, 16.7221, 16.9441



15.4464, 16.7221, 18.0618

Rectangle

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



15.8429, 16.7221, 19.5322



16.2092, 16.7221, 19.1675



15.9449, 16.7221, 16.9441



15.5826, 16.7221, 17.2802

Sweetspot

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



15.8434, 16.7228, 19.5326



29.4236, 30.9927, 34.5684



16.1269, 17.5737, 18.7520



6.7800, 7.1409, 7.9500



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.



15.8434, 16.7228, 19.5326



27.3703, 28.9071, 34.2741



15.5693, 16.0872, 19.4243



3.7121, 3.9207, 4.6514



4.7872, 3.9141, 19.0458



22.5126, 17.4417, 92.5403

Inverse Universe

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



16.1933, 16.4358, 18.2393



28.1103, 28.3076, 31.5376



16.7559, 17.9238, 17.6159



3.8132, 3.8388, 4.2775



8.7135, 4.4191, 3.6995



42.0500, 21.3701, 15.8588

Previews

White Background



This preview shows how the XYZ color 15.8429, 16.7221, 19.5322 looks on a white background.

Color Contrast Check

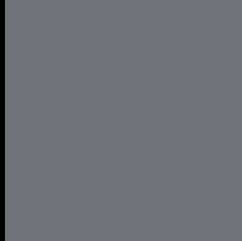
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8429, 16.7221, 19.5322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

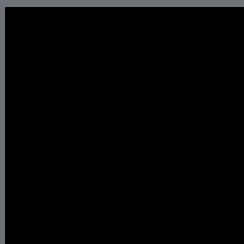
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

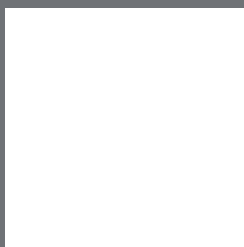
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8429, 16.7221, 19.5322

Background



This preview shows how black text looks on a background with the XYZ color 15.8429, 16.7221, 19.5322.



This preview shows how white text looks on a background with the XYZ color 15.8429, 16.7221,

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

15.8429, 16.7221, 19.5322

Protanopia

16.0554, 16.6720, 19.2014

Deuteranopia

16.9317, 16.6213, 19.7686



Tritanopia

16.1001, 16.6601, 20.7795

Trichromacy

**Original Color**

15.8429, 16.7221, 19.5322

Protanomaly

15.9261, 16.6053, 19.1954

Deuteranomaly

16.4854, 16.5523, 19.7788

Tritanomaly

16.0384, 16.6355, 20.4548

Monochromacy

**Original Color**

15.8429, 16.7221, 19.5322

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 15.8429, 16.7221, 19.5322 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, 114, 118)` looks like.

```
.text, #text, p{  
    color:rgb(111, 114, 118)  
}
```

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, 114, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 114, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.8429, 16.7221, 19.5322 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, 114, 118) }
```


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

```
.border{ border-color:rgb(111, 114, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 114, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 114, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 114, 118);  
box-shadow:4px 4px 4px 4px rgb(111, 114,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8429, 16.7221, 19.5322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 114, 118) }
```

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

```
.background{ background-color: rgb(111,  
114, 118) }
```

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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