

Converting Colors

XYZ(16.9367, 10.7327, 5.2295)

Have a look what the booklet for
XYZ(16.9367, 10.7327, 5.2295)
contains.

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Color

**XYZ(16.8758, 10.7109,
5.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	A1383A
RGB	161, 56, 58
RGB Percent	63%, 22%, 23%
CMY	0.3686, 0.7804, 0.7725
CMYK	0.00, 0.65, 0.64, 0.37
HSL	359°, 48%, 43%
HSV	359°, 65%, 63%
XYZ	16.8758, 10.7109, 5.1809
YIQ	87.6230, 61.9380, 22.8820

Conversions

Conversions Part 2

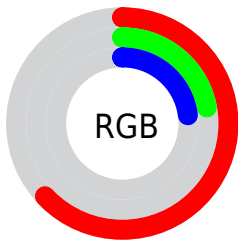
Format	Color
RYB	161, 56, 58
Decimal	10565690
CIELab	39.09, 43.57, 22.51
CIELCh	39, 49.042, 27.320
Yxy	10.7109, 0.5150, 0.3269
Android (android.graphics.Color)	4288755770 (0xFFA1383A)
YUV	87.6230, -14.6041, 64.3516
Hunter-Lab	32.7275, 34.7696, 13.5234

Details

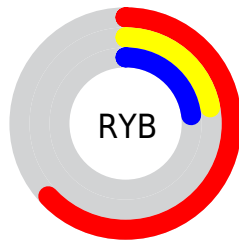
The XYZ color **16.8758, 10.7109, 5.1809** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.6346, 28.8339, 37.2816**, and the grayscale version is **9.2155, 9.6955, 10.5584**.

A 20% lighter version of the original color is **37.7312, 27.1172, 16.6101**, and **5.6870, 2.9210, 0.7543** is the 20% darker color. If you saturate the color by 10%, you get **15.8751, 9.2570, 3.1599**, and if you desaturate by 10%, it is **18.2512, 12.7172, 7.9350**.

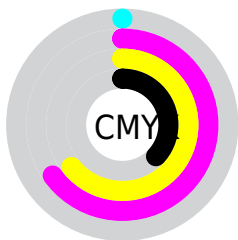
Distribution



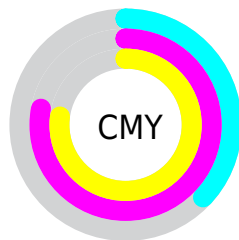
- Red (63%)
- Green (22%)
- Blue (23%)



- Red (63%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (65%)
- Yellow (64%)
- Black (37%)





- Cyan (37%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8758, 10.7109, 5.1809 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 16.8758, 10.7109, 5.1809 by changing the saturation by 10% instead.


 16.8758, 10.7109,
5.1809

 16.8758, 10.7109,
5.1809


227.6259,
195.6733, 160.5642


 10.2407, 5.8728,
2.2932


 37.6574, 27.1243,
16.6528


 5.6224, 2.7679,
0.7274

 52.5347, 39.4684,
26.0741


 2.6553, 1.0118,
0.0000

 70.8900, 55.0833,
38.5103

 0.9742, 0.0000,
0.0000

 93.0888, 74.3534,
54.3799

 0.0000, 0.0000,
0.0000

 119.4965, 97.6630,
74.1016

 150.4783,

125.3966, 98.0939

186.3996,
157.9385, 126.7753

■ 16.8758, 10.7109,
5.1809

■ 16.8758, 10.7109,
5.1809

■ 15.8751, 9.2570,
3.1599

■ 18.2512, 12.7172,
7.9350

■ 15.2116, 8.2988,
1.8017

■ 20.0325, 15.3216,
11.4829

■ 14.8397, 7.7676,
1.0223

■ 22.2486, 18.5673,
15.8793

■ 14.7146, 7.5837,
0.7760

■ 24.9254, 22.4928,
21.1740

■ 28.0868, 27.1337,
27.4132

■ 31.7552, 32.5230,
34.6396

■ 35.9514, 38.6919,
42.8934

■ 40.6952, 45.6695,
52.2126

■ 46.0053, 53.4837,
62.6334

Harmonies

Analogous

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



17.8705, 10.7109, 12.5277



16.8758, 10.7109, 5.1809



13.9802, 10.7109, 2.1080

Triad

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



16.8758, 10.7109, 5.1809



5.7406, 10.7109, 4.3749



9.8883, 10.7109, 40.6147

Complementary

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



16.8758, 10.7109, 5.1809



20.6346, 28.8339, 37.2816

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.



7.1402, 10.7109, 34.4329



16.8758, 10.7109, 5.1809



5.0901, 10.7109, 10.8378

Square

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



16.8758, 10.7109, 5.1809



7.5512, 10.7109, 1.8493



5.5417, 10.7109, 22.0733



13.3584, 10.7109, 36.2009

Rectangle

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



16.8758, 10.7109, 5.1809



11.6287, 10.7109, 1.4253



5.5417, 10.7109, 22.0733



8.8576, 10.7109, 39.6554

Sweetspot

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



16.8761, 10.7115, 5.1811



47.2676, 44.1400, 43.1105



21.8498, 12.6207, 35.0024



10.0477, 9.2126, 8.8253



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.8761, 10.7115, 5.1811



27.8563, 15.7466, 4.4879



20.4637, 17.9664, 6.1316



7.0790, 7.0880, 7.4023



11.7539, 6.0576, 0.6290



0.2485, 0.1279, 0.0213

Inverse Universe

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



16.8761, 10.7115, 5.1811



27.8563, 15.7466, 4.4879



13.8587, 15.0031, 35.8834



7.0790, 7.0880, 7.4023



11.7539, 6.0576, 0.6290



0.2485, 0.1279, 0.0213

Previews

White Background



This preview shows how the XYZ color 16.8758, 10.7109, 5.1809 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 16.8758, 10.7109, 5.1809 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 16.8758, 10.7109, 5.1809

Background



This preview shows how black text looks on a background with the XYZ color 16.8758, 10.7109, 5.1809.



This preview shows how white text looks on a background with the XYZ color 16.8758, 10.7109,

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

16.8758, 10.7109, 5.1809

Protanopia

10.2625, 10.9624, 7.8784

Deuteranopia

11.0250, 10.9125, 4.8934



Tritanopia

16.9015, 10.7212, 5.3163

Trichromacy



Original Color

16.8758, 10.7109, 5.1809

Protanomaly

11.9381, 10.2923, 6.8262

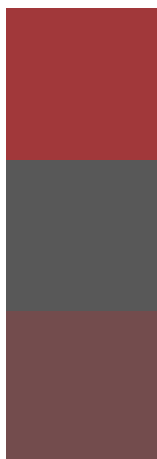
Deuteranomaly

12.5494, 10.3294, 4.9468

Tritanomaly

16.9015, 10.7212, 5.3163

Monochromacy



Original Color

16.8758, 10.7109, 5.1809

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.9942, 9.3495, 8.2464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8758, 10.7109, 5.1809 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(161, 56, 58)` looks like.

```
.text, #text, p{  
    color:rgb(161, 56, 58)  
}
```

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(161, 56, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 56, 58) }
```

Border

The CSS property to change the border of an element to XYZ 16.8758, 10.7109, 5.1809 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(161, 56, 58) }
```


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

```
.border{ border-color:rgb(161, 56, 58) }
```

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

Here you see how a box with a 4 pixel rgb(161, 56, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 56, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 56, 58);  
box-shadow:4px 4px 4px 4px rgb(161, 56,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8758, 10.7109, 5.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 56, 58) }
```

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

```
.background{ background-color: rgb(161, 56,  
58) }
```

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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