

Converting Colors

XYZ(18.9165, 12.2515, 7.6711)

Have a look what the booklet for
XYZ(18.9165, 12.2515, 7.6711)
contains.

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Color

**XYZ(18.9165, 12.2515,
7.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	A73F49
RGB	167, 63, 73
RGB Percent	65%, 25%, 29%
CMY	0.3451, 0.7529, 0.7137
CMYK	0.00, 0.62, 0.56, 0.35
HSL	354°, 45%, 45%
HSV	354°, 62%, 65%
XYZ	18.9165, 12.2515, 7.6711
YIQ	95.2360, 58.7740, 25.1580

Conversions

Conversions Part 2

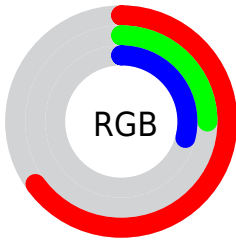
Format	Color
R_{YB}	167, 63, 73
Decimal	10960713
CIE _{Lab}	41.61, 43.59, 16.73
CIE _{LCh}	42, 46.693, 20.996
Yxy	12.2515, 0.4870, 0.3154
Android (android.graphics.Color)	4289150793 (0xFFA73F49)
YUV	95.2360, -10.9623, 62.9370
Hunter-Lab	35.0021, 35.2145, 11.5075

Details

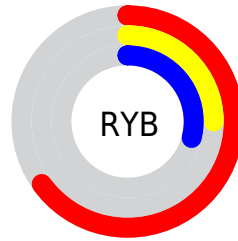
The XYZ color **18.9165, 12.2515, 7.6711** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.9552, 31.1289, 36.7519**, and the grayscale version is **10.9499, 11.5201, 12.5454**.

A 20% lighter version of the original color is **40.9460, 29.8107, 21.6851**, and **6.6756, 3.4304, 1.5386** is the 20% darker color. If you saturate the color by 10%, you get **17.6867, 10.4980, 5.0845**, and if you desaturate by 10%, it is **20.5489, 14.6160, 10.9914**.

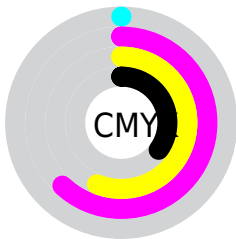
Distribution



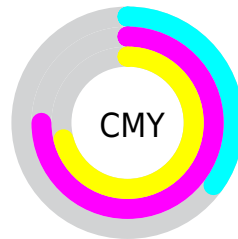
- Red (65%)
- Green (25%)
- Blue (29%)



- Red (65%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (62%)
- Yellow (56%)
- Black (35%)



- Cyan (35%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9165, 12.2515, 7.6711 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 18.9165, 12.2515, 7.6711 by changing the saturation by 10% instead.

■ 18.9165, 12.2515,
7.6711

■ 18.9165, 12.2515,
7.6711

238.9344,
206.0632, 182.9662

■ 11.7136, 6.9152,
3.8005

■ 41.1109, 29.9523,
21.8465

■ 6.6198, 3.4091,
1.5165

■ 56.8332, 43.0857,
32.9884

■ 3.2697, 1.3489,
0.2302

■ 76.1259, 59.5868,
47.3911

■ 1.2979, 0.1786,
0.0000

■ 99.3545, 79.8401,
65.4732

■ 0.1817, 0.0000,
0.0000

■ 126.8842,
104.2300, 87.6533

■ 0.0000, 0.0000,
0.0000

159.0806,

133.1409, 114.3497

196.3088,
166.9572, 145.9812

■ 18.9165, 12.2515,
7.6711

■ 18.9165, 12.2515,
7.6711

■ 17.6867, 10.4980,
5.0845

■ 20.5489, 14.6160,
10.9914

■ 16.8233, 9.2972,
3.1752

■ 22.6141, 17.6385,
15.0948

■ 16.2853, 8.5834,
1.8793

■ 25.1403, 21.3641,
20.0273

■ 16.0303, 8.2531,
1.2403

■ 28.1531, 25.8331,
25.8308

■ 31.6764, 31.0827,
32.5447

■ 35.7322, 37.1478,
40.2058

■ 40.3414, 44.0611,
48.8490

■ 45.5239, 51.8534,
58.5072

■ 51.2983, 60.5542,
69.2121

Harmonies

Analogous

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



19.4115, 12.2515, 16.5058



18.9165, 12.2515, 7.6711



16.2872, 12.2515, 3.4110

Triad

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



18.9165, 12.2515, 7.6711



7.2498, 12.2515, 4.6575



10.6466, 12.2515, 41.8804

Complementary

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



18.9165, 12.2515, 7.6711



21.9552, 31.1289, 36.7519

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.



7.9806, 12.2515, 33.9483



18.9165, 12.2515, 7.6711



6.2874, 12.2515, 10.6069

Square

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



18.9165, 12.2515, 7.6711



9.4462, 12.2515, 2.3571



6.5258, 12.2515, 21.2789



14.1603, 12.2515, 39.7372

Rectangle

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



18.9165, 12.2515, 7.6711



13.9173, 12.2515, 2.2874



6.5258, 12.2515, 21.2789



9.6340, 12.2515, 40.2020

Sweetspot

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



18.9168, 12.2522, 7.6713



52.1716, 48.8707, 49.6103



22.5797, 13.4736, 37.9699



11.3051, 10.3860, 10.3945



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.9168, 12.2522, 7.6713



30.9685, 17.8091, 7.5685



21.8450, 18.5970, 7.1417



7.5593, 7.5536, 7.9966



12.2754, 6.3189, 0.9958



0.3074, 0.1572, 0.0705

Inverse Universe

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



18.9168, 12.2522, 7.6713



30.9685, 17.8091, 7.5685



16.4100, 18.6163, 39.2877



7.5593, 7.5536, 7.9966



12.2754, 6.3189, 0.9958



0.3074, 0.1572, 0.0705

Previews

White Background



This preview shows how the XYZ color 18.9165, 12.2515, 7.6711 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 18.9165, 12.2515, 7.6711 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 18.9165, 12.2515, 7.6711

Background



This preview shows how black text looks on a background with the XYZ color 18.9165, 12.2515, 7.6711.

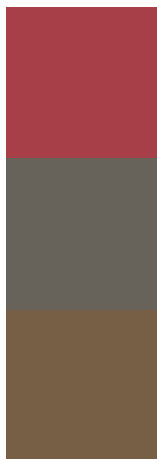


This preview shows how white text looks on a background with the XYZ color 18.9165, 12.2515,

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

18.9165, 12.2515, 7.6711

Protanopia

11.9008, 12.5454, 11.4671

Deuteranopia

12.6068, 12.4533, 7.2081



Tritanopia

18.8131, 12.2996, 6.8513

Trichromacy



Original Color

18.9165, 12.2515, 7.6711

Protanomaly

13.5322, 11.7313, 9.9386

Deuteranomaly

14.3521, 11.8629, 7.3277

Tritanomaly

18.8752, 12.3245, 7.1784

Monochromacy



Original Color

18.9165, 12.2515, 7.6711

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.6987, 10.9396, 10.4591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9165, 12.2515, 7.6711 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(167, 63, 73)` looks like.

```
.text, #text, p{  
    color:rgb(167, 63, 73)  
}
```

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(167, 63, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 63, 73) }
```

Border

The CSS property to change the border of an element to XYZ 18.9165, 12.2515, 7.6711 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(167, 63, 73) }
```


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

```
.border{ border-color:rgb(167, 63, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 63, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 63, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 63, 73);  
box-shadow:4px 4px 4px 4px rgb(167, 63,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9165, 12.2515, 7.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 63, 73) }
```

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

```
.background{ background-color: rgb(167, 63,  
73) }
```

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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