

Converting Colors

XYZ(19.2782, 15.3968, 12.0859)

Have a look what the booklet for
XYZ(19.2782, 15.3968, 12.0859)
contains.

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Color

**XYZ(19.2765, 15.3956,
12.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5C5C
RGB	155, 92, 92
RGB Percent	61%, 36%, 36%
CMY	0.3922, 0.6392, 0.6392
CMYK	0.00, 0.41, 0.41, 0.39
HSL	0°, 26%, 48%
HSV	0°, 41%, 61%
XYZ	19.2765, 15.3956, 12.0809
YIQ	110.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

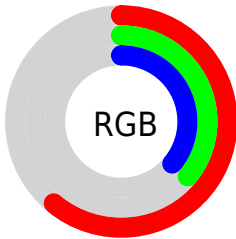
Format	Color
R_{YB}	155, 92, 92
Decimal	10181724
CIE _{Lab}	46.17, 25.79, 11.09
CIE _{LCh}	46, 28.068, 23.268
Yxy	15.3956, 0.4123, 0.3293
Android (android.graphics.Color)	4288371804 (0xFF9B5C5C)
YUV	110.8370, -9.2866, 38.7310
Hunter-Lab	39.2372, 19.0285, 9.2110

Details

The XYZ color **19.2765, 15.3956, 12.0809** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0508, 28.0833, 35.2687**, and the grayscale version is **15.0810, 15.8664, 17.2785**.

A 20% lighter version of the original color is **41.5689, 35.4468, 30.2422**, and **6.7607, 4.7653, 3.1482** is the 20% darker color. If you saturate the color by 10%, you get **17.4590, 12.7362, 8.4673**, and if you desaturate by 10%, it is **21.5082, 18.6614, 16.5169**.

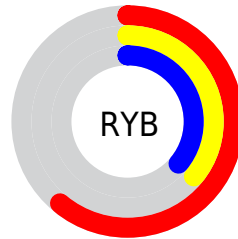
Distribution



Red (61%)

Green (36%)

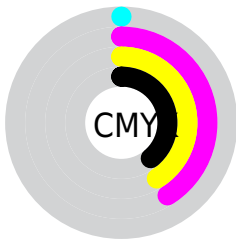
Blue (36%)



Red (61%)

Yellow (36%)

Blue (36%)

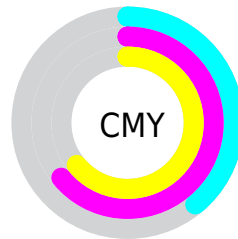


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (39%)



Cyan (39%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2765, 15.3956, 12.0809 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 19.2765, 15.3956, 12.0809 by changing the saturation by 10% instead.

■ 19.2765, 15.3956,
12.0809

■ 19.2765, 15.3956,
12.0809

240.8799,
225.7484, 215.9370

■ 11.9754, 9.0975,
6.6756

■ 41.7141, 35.5457,
30.3090

■ 6.7990, 4.8048,
3.1847

■ 57.5813, 50.1665,
43.9688

■ 3.3819, 2.1332,
1.1897

■ 77.0346, 68.3303,
61.2172

■ 1.3588, 0.6832,
0.0000

■ 100.4393, 90.4215,
82.4728

■ 0.2266, 0.0000,
0.0000

128.1609,
116.8245, 108.1540

■ 0.0000, 0.0000,
0.0000

160.5646,

147.9237, 138.6794

198.0158,
184.1035, 174.4676

■ 19.2765, 15.3956,
12.0809

■ 19.2765, 15.3956,
12.0809

■ 17.4590, 12.7362,
8.4673

■ 21.5082, 18.6614,
16.5169

■ 16.0290, 10.6437,
5.6246

■ 24.1761, 22.5652,
21.8205

■ 14.9588, 9.0776,
3.4972


■ 27.3020, 27.1394,
28.0347


■ 14.2164, 7.9913,
2.0215


■ 30.9061, 32.4132,
35.1996

■ 13.7642, 7.3296,
1.1228


■ 35.0073, 38.4143,
43.3527

 13.5177, 6.9688,
0.6326

 39.6233, 45.1689,
52.5295

 44.7713, 52.7018,
62.7637

 50.4674, 61.0367,
74.0876

 56.7272, 70.1964,
86.5321

Harmonies

Analogous

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



19.6907, 15.3956, 18.3548



19.2765, 15.3956, 12.0809



17.5588, 15.3956, 8.2695

Triad

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



19.2765, 15.3956, 12.0809



11.2488, 15.3956, 10.0566



14.1006, 15.3956, 33.5359

Complementary

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



19.2765, 15.3956, 12.0809



22.0508, 28.0833, 35.2687

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.



12.0518, 15.3956, 29.6863



19.2765, 15.3956, 12.0809



10.5253, 15.3956, 15.2664

Square

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



19.2765, 15.3956, 12.0809



12.8909, 15.3956, 7.3427



10.8025, 15.3956, 22.5216



16.5256, 15.3956, 32.0036

Rectangle

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



19.2765, 15.3956, 12.0809



15.9971, 15.3956, 7.0505



10.8025, 15.3956, 22.5216



13.3488, 15.3956, 32.8004

Sweetspot

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



19.2769, 15.3964, 12.0812



47.9489, 47.2193, 48.3264



23.2612, 16.9895, 33.0636



10.6962, 10.4584, 10.6268



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.2769, 15.3964, 12.0812



31.4686, 23.1039, 15.5644



22.5945, 22.0317, 13.1871



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5081



0.1623, 0.0837, 0.0076

Inverse Universe

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



22.0508, 28.0833, 35.2687



37.1497, 49.0871, 63.0531



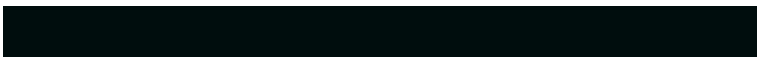
17.4753, 18.9323, 33.7436



6.3846, 7.0265, 7.9487



14.1655, 20.7277, 28.1619



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 19.2765, 15.3956, 12.0809 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 19.2765, 15.3956, 12.0809 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 19.2765, 15.3956, 12.0809

Background



This preview shows how black text looks on a background with the XYZ color 19.2765, 15.3956, 12.0809.



This preview shows how white text looks on a background with the XYZ color 19.2765, 15.3956,

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

19.2765, 15.3956, 12.0809

Protanopia

14.7570, 15.4543, 14.5171

Deuteranopia

15.7519, 15.5583, 11.8457



Tritanopia

19.4633, 15.3326, 13.4889

Trichromacy



Original Color

19.2765, 15.3956, 12.0809

Protanomaly

16.1081, 15.2495, 13.6497

Deuteranomaly

16.8585, 15.3811, 11.9778

Tritanomaly

19.3700, 15.2953, 12.9977

Monochromacy



Original Color

19.2765, 15.3956, 12.0809

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.2014, 15.4121, 15.2176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2765, 15.3956, 12.0809 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(155, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(155, 92, 92)  
}
```

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(155, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 92, 92) }
```

Border

The CSS property to change the border of an element to XYZ 19.2765, 15.3956, 12.0809 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(155, 92, 92) }
```


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

```
.border{ border-color:rgb(155, 92, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 92, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(155, 92,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2765, 15.3956, 12.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 92, 92) }
```

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

```
.background{ background-color: rgb(155, 92,  
92) }
```

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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