

Converting Colors

XYZ(18.2454, 15.2754, 9.4224)

Have a look what the booklet for
XYZ(18.2454, 15.2754, 9.4224)
contains.

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Color

**XYZ(18.2660, 15.3282,
9.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	975F4F
RGB	151, 95, 79
RGB Percent	59%, 37%, 31%
CMY	0.4078, 0.6274, 0.6902
CMYK	0.00, 0.37, 0.48, 0.41
HSL	13°, 31%, 45%
HSV	13°, 48%, 59%
XYZ	18.2660, 15.3282, 9.3931
YIQ	109.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

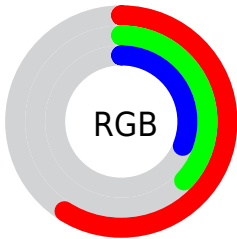
Format	Color
R_{YB}	151, 100, 79
Decimal	9920335
CIE Lab	46.08, 20.95, 18.66
CIE LCh	46, 28.058, 41.695
Yxy	15.3282, 0.4249, 0.3566
Android (android.graphics.Color)	4288110415 (0xFF975F4F)
YUV	109.9200, -15.2436, 36.0272
Hunter-Lab	39.1512, 14.7644, 13.1811

Details

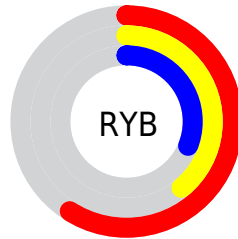
The XYZ color **18.2660, 15.3282, 9.3931** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4740, 21.2238, 32.4538**, and the grayscale version is **14.8330, 15.6055, 16.9943**.

A 20% lighter version of the original color is **39.9073, 35.3817, 25.1481**, and **6.2755, 4.7708, 2.1035** is the 20% darker color. If you saturate the color by 10%, you get **16.7983, 13.1747, 6.4934**, and if you desaturate by 10%, it is **20.0189, 17.8521, 13.0042**.

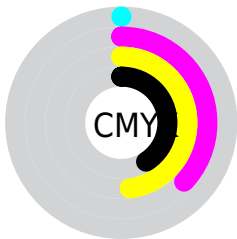
Distribution



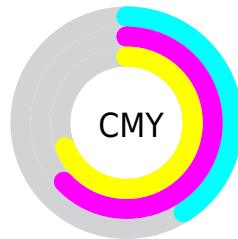
- Red (59%)
- Green (37%)
- Blue (31%)



- Red (59%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (41%)



- Cyan (41%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2660, 15.3282, 9.3931 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 18.2660, 15.3282, 9.3931 by changing the saturation by 10% instead.

■ 18.2660, 15.3282,
9.3931

■ 18.2660, 15.3282,
9.3931

235.3828,
225.3442, 196.6087

■ 11.2420, 9.0500,
4.8982

■ 40.0166, 35.4279,
25.2373

■ 6.2983, 4.7738,
2.1299

■ 55.4739, 50.0183,
37.4236

■ 3.0697, 2.1152,
0.6335

■ 74.4730, 68.1482,
53.0108

■ 1.1907, 0.6731,
0.0000

■ 97.3792, 90.2020,
72.4174

■ 0.0990, 0.0000,
0.0000

■ 124.5580,
116.5641, 96.0619

■ 0.0000, 0.0000,
0.0000

156.3746,

147.6189, 124.3630

193.1944,
183.7508, 157.7390

■ 18.2660, 15.3282,
9.3931

■ 18.2660, 15.3282,
9.3931

■ 16.7983, 13.1747,
6.4934

■ 20.0189, 17.8521,
13.0042

■ 15.5989, 11.3718,
4.2566

■ 22.0701, 20.7607,
17.3688

■ 14.6509, 9.9010,
2.6298

■ 24.4336, 24.0701,
22.5270

■ 13.9348, 8.7412,
1.5512

■ 27.1220, 27.7949,
28.5155

■ 13.4212, 7.8660,
0.9115

■ 30.1470, 31.9490,
35.3690

■ 13.3221, 7.6985,
0.7838

■ 33.5200, 36.5455,
43.1200

■ 37.2517, 41.5970,
51.7993

■ 41.3524, 47.1157,
61.4365

■ 45.8319, 53.1132,
72.0597

Harmonies

Analogous

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



19.5334, 15.3282, 14.1681



18.2660, 15.3282, 9.3931



16.0563, 15.3282, 7.0727

Triad

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



18.2660, 15.3282, 9.3931



10.6367, 15.3282, 12.8976



15.5179, 15.3282, 33.1243

Complementary

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



18.2660, 15.3282, 9.3931



17.4740, 21.2238, 32.4538

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.



13.1765, 15.3282, 32.5096



18.2660, 15.3282, 9.3931



10.5262, 15.3282, 19.4943

Square

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



18.2660, 15.3282, 9.3931



11.7282, 15.3282, 8.6824



11.4079, 15.3282, 27.0312



17.8350, 15.3282, 28.5339

Rectangle

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



18.2660, 15.3282, 9.3931



14.4338, 15.3282, 6.7077



11.4079, 15.3282, 27.0312



14.7050, 15.3282, 33.5473

Sweetspot

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



18.2664, 15.3290, 9.3934



45.3288, 45.2907, 43.8206



19.9600, 13.9320, 24.7068



10.0905, 9.9994, 9.4897



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.2664, 15.3290, 9.3934



29.9746, 23.4323, 11.4192



22.2365, 23.2693, 10.7168



6.3146, 6.4344, 6.5150



11.3519, 6.5862, 0.6730



0.1931, 0.1452, 0.0178

Inverse Universe

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



17.4740, 21.2238, 32.4538



28.3512, 35.2115, 57.7359



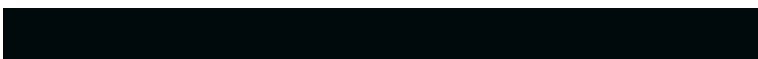
13.3104, 12.8965, 31.0659



6.2681, 6.7935, 7.9099



10.2290, 12.8546, 26.8498



0.1787, 0.2437, 0.4100

Previews

White Background



This preview shows how the XYZ color 18.2660, 15.3282, 9.3931 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 18.2660, 15.3282, 9.3931 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 18.2660, 15.3282, 9.3931

Background



This preview shows how black text looks on a background with the XYZ color 18.2660, 15.3282, 9.3931.



This preview shows how white text looks on a background with the XYZ color 18.2660, 15.3282,

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

18.2660, 15.3282, 9.3931

Protanopia

14.4445, 15.3751, 10.8007

Deuteranopia

15.5971, 15.3848, 9.1687



Tritanopia

19.2161, 15.3274, 13.7501

Trichromacy



Original Color

18.2660, 15.3282, 9.3931

Protanomaly

15.5649, 15.1923, 10.2957

Deuteranomaly

16.5101, 15.2607, 9.2832

Tritanomaly

18.7950, 15.2768, 12.0833

Monochromacy



Original Color

18.2660, 15.3282, 9.3931

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.7612, 15.3640, 13.9392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2660, 15.3282, 9.3931 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(151, 95, 79)` looks like.

```
.text, #text, p{  
    color:rgb(151, 95, 79)  
}
```

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(151, 95, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 95, 79) }
```

Border

The CSS property to change the border of an element to XYZ 18.2660, 15.3282, 9.3931 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(151, 95, 79) }
```


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

```
.border{ border-color:rgb(151, 95, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 95, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 95, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 95, 79);  
box-shadow:4px 4px 4px 4px rgb(151, 95,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2660, 15.3282, 9.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 95, 79) }
```

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

```
.background{ background-color: rgb(151, 95,  
79) }
```

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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