

Converting Colors

XYZ(18.0973, 13.1491, 10.8294)

Have a look what the booklet for
XYZ(18.0973, 13.1491, 10.8294)
contains.

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Color

**XYZ(18.1961, 13.2213,
10.8254)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4E58
RGB	156, 78, 88
RGB Percent	61%, 31%, 35%
CMY	0.3882, 0.6941, 0.6549
CMYK	0.00, 0.50, 0.44, 0.39
HSL	352°, 33%, 46%
HSV	352°, 50%, 61%
XYZ	18.1961, 13.2213, 10.8254
YIQ	102.4620, 43.2780, 19.6460

Conversions

Conversions Part 2

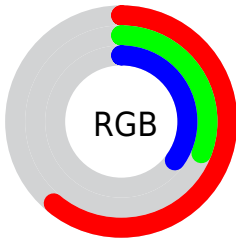
Format	Color
R_{YB}	156, 78, 88
Decimal	10243672
CIE _{Lab}	43.09, 33.45, 9.23
CIE _{LCh}	43, 34.703, 15.433
Yxy	13.2213, 0.4308, 0.3130
Android (android.graphics.Color)	4288433752 (0xFF9C4E58)
YUV	102.4620, -7.1298, 46.9528
Hunter-Lab	36.3611, 25.6944, 7.8010

Details

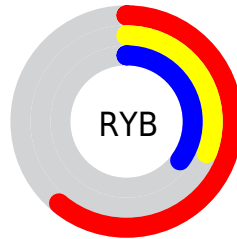
The XYZ color **18.1961, 13.2213, 10.8254** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2194, 27.4722, 31.4329**, and the grayscale version is **12.7609, 13.4255, 14.6204**.

A 20% lighter version of the original color is **39.8783, 31.6816, 28.0581**, and **6.2422, 3.8198, 2.6938** is the 20% darker color. If you saturate the color by 10%, you get **16.7045, 11.0572, 7.8032**, and if you desaturate by 10%, it is **20.0564, 15.9546, 14.4894**.

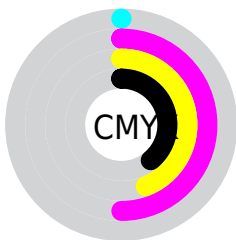
Distribution



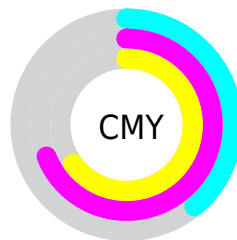
- Red (61%)
- Green (31%)
- Blue (35%)



- Red (61%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (50%)
- Yellow (44%)
- Black (39%)



- Cyan (39%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1961, 13.2213, 10.8254 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 18.1961, 13.2213, 10.8254 by changing the saturation by 10% instead.

18.1961, 13.2213,
10.8254

18.1961, 13.2213,
10.8254

234.9983,
212.3311, 207.1600

11.1914, 7.5811,
5.8369

39.8987, 31.7008,
27.9685

6.2640, 3.8281,
2.6790

55.3272, 45.3089,
40.9602

3.0484, 1.5779,
0.9328

74.2945, 62.3417,
57.4567

1.1794, 0.3426,
0.0000

97.1658, 83.1837,
77.8765

0.0900, 0.0000,
0.0000

124.3064,
108.2193, 102.6382

0.0000, 0.0000,
0.0000

156.0819,

137.8328, 132.1604

192.8574,
172.4086, 166.8614

■ 18.1961, 13.2213,
10.8254

■ 18.1961, 13.2213,
10.8254

■ 16.7045, 11.0572,
7.8032

■ 20.0564, 15.9546,
14.4894

■ 15.5559, 9.4201,
5.3849

■ 22.3069, 19.2914,
18.8286

■ 14.7227, 8.2654,
3.5297


■ 24.9685, 23.2655,
23.8749


■ 14.1727, 7.5401,
2.1915


■ 28.0604, 27.9078,
29.6581


■ 13.8365, 7.1185,
1.3064


■ 31.6006, 33.2469,
36.2062

 13.8364, 7.1184,
1.3062

 35.6060, 39.3101,
43.5456

 40.0927, 46.1230,
51.7017

 45.0760, 53.7100,
60.6985

 50.5704, 62.0944,
70.5593

Harmonies

Analogous

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



18.2218, 13.2213, 18.4214



18.1961, 13.2213, 10.8254



16.5263, 13.2213, 6.2534

Triad

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



18.1961, 13.2213, 10.8254



9.2509, 13.2213, 6.3440



11.3184, 13.2213, 33.8415

Complementary

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



18.1961, 13.2213, 10.8254



20.2194, 27.4722, 31.4329

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.



9.2958, 13.2213, 27.6240



18.1961, 13.2213, 10.8254



8.2220, 13.2213, 11.0040

Square

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



18.1961, 13.2213, 10.8254



11.2486, 13.2213, 4.3624



8.2372, 13.2213, 18.6757



13.9834, 13.2213, 33.7398

Rectangle

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



18.1961, 13.2213, 10.8254



14.8251, 13.2213, 4.7339



8.2372, 13.2213, 18.6757



10.5497, 13.2213, 32.3459

Sweetspot

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



18.1964, 13.2220, 10.8256



47.8901, 46.0653, 48.1306



20.5086, 13.9242, 33.0590



10.3014, 9.7815, 10.1477



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.



18.1964, 13.2220, 10.8256



30.0601, 19.6802, 13.5936



20.3020, 18.0508, 9.6228



6.6659, 6.6593, 7.0920



11.4048, 5.8665, 1.1165



0.2127, 0.1084, 0.0660

Inverse Universe

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



18.1964, 13.2220, 10.8256



30.0601, 19.6802, 13.5936



16.7844, 19.3029, 34.2935



6.6659, 6.6593, 7.0920



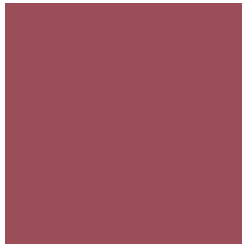
11.4048, 5.8665, 1.1165



0.2127, 0.1084, 0.0660

Previews

White Background



This preview shows how the XYZ color 18.1961, 13.2213, 10.8254 looks on a white background.

Color Contrast Check

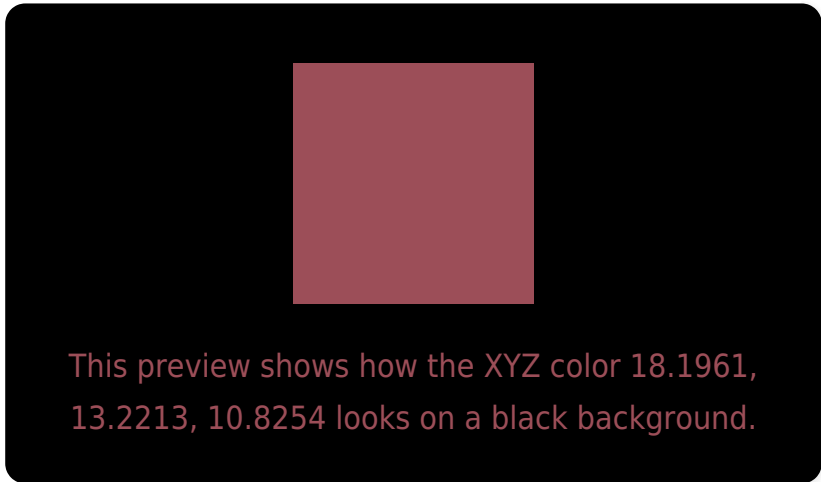
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 18.1961, 13.2213, 10.8254

Background



This preview shows how black text looks on a background with the XYZ color 18.1961, 13.2213, 10.8254.



This preview shows how white text looks on a background with the XYZ color 18.1961, 13.2213,

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

18.1961, 13.2213, 10.8254

Protanopia

12.9260, 13.4456, 14.2259

Deuteranopia

13.4786, 13.2428, 10.4400



Tritanopia

18.1065, 13.3000, 10.0003

Trichromacy



Original Color

18.1961, 13.2213, 10.8254

Protanomaly

14.3379, 12.9583, 12.8118

Deuteranomaly

14.9365, 13.0596, 10.5376

Tritanomaly

18.1460, 13.3158, 10.2081

Monochromacy



Original Color

18.1961, 13.2213, 10.8254

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

14.0981, 12.8293, 13.0425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1961, 13.2213, 10.8254 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(156, 78, 88)` looks like.

```
.text, #text, p{  
    color:rgb(156, 78, 88)  
}
```

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(156, 78, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 78, 88) }
```

Border

The CSS property to change the border of an element to XYZ 18.1961, 13.2213, 10.8254 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(156, 78, 88) }
```


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

```
.border{ border-color:rgb(156, 78, 88) }
```

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

Here you see how a box with a 4 pixel rgb(156, 78, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 78, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 78, 88);  
box-shadow:4px 4px 4px 4px rgb(156, 78,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1961, 13.2213, 10.8254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 78, 88) }
```

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

```
.background{ background-color: rgb(156, 78,  
88) }
```

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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