

Converting Colors

XYZ(17.6069, 13.1069, 11.9578)

Have a look what the booklet for
XYZ(17.6069, 13.1069, 11.9578)
contains.

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Color

**XYZ(17.6069, 13.1069,
11.9578)**

Conversions

Conversions Part 1

Format	Color
Hex	97505D
RGB	151, 80, 93
RGB Percent	59%, 31%, 36%
CMY	0.4078, 0.6863, 0.6353
CMYK	0.00, 0.47, 0.38, 0.41
HSL	349°, 31%, 45%
HSV	349°, 47%, 59%
XYZ	17.6069, 13.1069, 11.9578
YIQ	102.7110, 38.1430, 19.0950

Conversions

Conversions Part 2

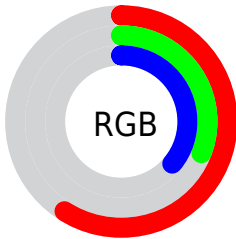
Format	Color
R_{YB}	151, 80, 93
Decimal	9916509
CIE _{Lab}	42.92, 31.04, 5.82
CIE _{LCh}	43, 31.584, 10.611
Yxy	13.1069, 0.4126, 0.3072
Android (android.graphics.Color)	4288106589 (0xFF97505D)
YUV	102.7110, -4.7875, 42.3495
Hunter-Lab	36.2035, 23.4542, 5.7593

Details

The XYZ color **17.6069, 13.1069, 11.9578** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9629, 25.6739, 28.0022**, and the grayscale version is **12.8213, 13.4890, 14.6896**.

A 20% lighter version of the original color is **38.8064, 31.4812, 30.0178**, and **5.9594, 3.7796, 3.1048** is the 20% darker color. If you saturate the color by 10%, you get **16.1199, 10.9380, 8.9804**, and if you desaturate by 10%, it is **19.4312, 15.8094, 15.4828**.

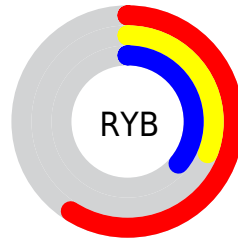
Distribution



Red (59%)

Green (31%)

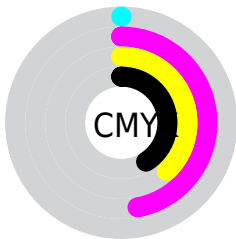
Blue (36%)



Red (59%)

Yellow (31%)

Blue (36%)

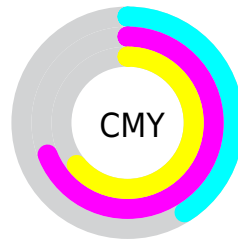


Cyan (0%)

Magenta (47%)

Yellow (38%)

Black (41%)



Cyan (41%)

Magenta (69%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6069, 13.1069, 11.9578 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 17.6069, 13.1069, 11.9578 by changing the saturation by 10% instead.

■ 17.6069, 13.1069,
11.9578

■ 17.6069, 13.1069,
11.9578

231.7346,
211.6016, 215.0937

■ 10.7661, 7.5022,
6.5928

■ 38.9017, 31.4957,
30.0815

■ 5.9759, 3.7781,
3.1342

■ 54.0864, 45.0486,
43.6772

■ 2.8710, 1.5502,
1.1636

■ 72.7832, 62.0197,
60.8535

■ 1.0859, 0.3237,
0.0000

■ 95.3573, 82.7933,
82.0290

■ 0.0133, 0.0000,
0.0000

■ 122.1741,
107.7540, 107.6223

■ 0.0000, 0.0000,
0.0000

153.5990,

137.2860, 138.0518

189.9974,
171.7737, 173.7361

■ 17.6069, 13.1069,
11.9578

■ 17.6069, 13.1069,
11.9578

■ 16.1199, 10.9380,
8.9804

■ 19.4312, 15.8094,
15.4828

■ 14.9482, 9.2652,
6.5221

■ 21.6110, 19.0755,
19.5805

■ 14.0685, 8.0495,
4.5527

■ 24.1645, 22.9356,
24.2753


■ 13.4539, 7.2450,
3.0386

■ 27.1081, 27.4171,
29.5900


■ 13.0629, 6.7777,
1.9384


■ 30.4574, 32.5460,
35.5462

 12.9678, 6.6614,
1.6786

 34.2272, 38.3464,
42.1643

 38.4314, 44.8415,
49.4640

 43.0833, 52.0532,
57.4641

 48.1956, 60.0026,
66.1826

Harmonies

Analogous

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



17.3761, 13.1069, 19.1616



17.6069, 13.1069, 11.9578



16.3294, 13.1069, 7.2422

Triad

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



17.6069, 13.1069, 11.9578



9.6708, 13.1069, 6.3639



10.9777, 13.1069, 30.8685

Complementary

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



17.6069, 13.1069, 11.9578



18.9629, 25.6739, 28.0022

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.



9.2521, 13.1069, 24.8067



17.6069, 13.1069, 11.9578



8.5679, 13.1069, 10.2929

Square

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



17.6069, 13.1069, 11.9578



11.6213, 13.1069, 4.7790



8.4252, 13.1069, 16.8652



13.3333, 13.1069, 31.7587

Rectangle

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



17.6069, 13.1069, 11.9578



14.8804, 13.1069, 5.5317



8.4252, 13.1069, 16.8652



10.3134, 13.1069, 29.2937

Sweetspot

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



17.6072, 13.1076, 11.9580



44.6478, 43.1588, 45.9671



18.9335, 13.3742, 30.8617



9.9185, 9.4610, 10.0313



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.



17.6072, 13.1076, 11.9580



28.8442, 19.5529, 16.0323



19.0099, 16.7571, 9.8228



6.2527, 6.2402, 6.7108



11.0402, 5.6703, 1.4709



0.1751, 0.0888, 0.0749

Inverse Universe

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



17.6072, 13.1076, 11.9580



28.8442, 19.5529, 16.0323



16.6814, 19.5138, 32.1654



6.2527, 6.2402, 6.7108



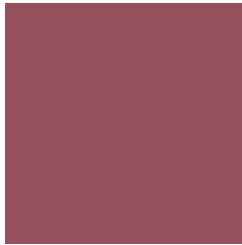
11.0402, 5.6703, 1.4709



0.1751, 0.0888, 0.0749

Previews

White Background



This preview shows how the XYZ color 17.6069, 13.1069, 11.9578 looks on a white background.

Color Contrast Check

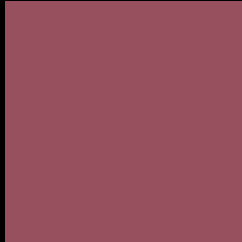
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6069, 13.1069, 11.9578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

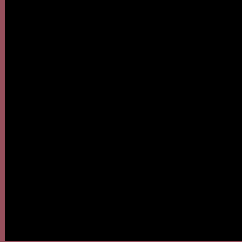
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6069, 13.1069, 11.9578

Background



This preview shows how black text looks on a background with the XYZ color 17.6069, 13.1069, 11.9578.



This preview shows how white text looks on a background with the XYZ color 17.6069, 13.1069,

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

17.6069, 13.1069, 11.9578

Protanopia

12.7970, 13.2108, 15.2401

Deuteranopia

13.4156, 13.1866, 11.5110



Tritanopia

17.2404, 13.0570, 10.6284

Trichromacy



Original Color

17.6069, 13.1069, 11.9578

Protanomaly

14.0090, 12.7614, 14.0367

Deuteranomaly

14.6827, 12.9046, 11.6145

Tritanomaly

17.3233, 13.0902, 11.0648

Monochromacy



Original Color

17.6069, 13.1069, 11.9578

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.0901, 13.0783, 13.5861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6069, 13.1069, 11.9578 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, 80, 93)` looks like.

```
.text, #text, p{  
    color:rgb(151, 80, 93)  
}
```

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, 80, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 80, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.6069, 13.1069, 11.9578 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, 80, 93) }
```


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

```
.border{ border-color:rgb(151, 80, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 80, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 80, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 80, 93);  
box-shadow:4px 4px 4px 4px rgb(151, 80,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6069, 13.1069, 11.9578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 80, 93) }
```

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

```
.background{ background-color: rgb(151, 80,  
93) }
```

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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