

Converting Colors

XYZ(17.8692, 13.2776, 12.8845)

Have a look what the booklet for
XYZ(17.8692, 13.2776, 12.8845)
contains.

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Color

**XYZ(17.8626, 13.3272,
12.9402)**

Conversions

Conversions Part 1

Format	Color
Hex	975161
RGB	151, 81, 97
RGB Percent	59%, 32%, 38%
CMY	0.4078, 0.6823, 0.6196
CMYK	0.00, 0.46, 0.36, 0.41
HSL	346°, 30%, 45%
HSV	346°, 46%, 59%
XYZ	17.8626, 13.3272, 12.9402
YIQ	103.7540, 36.5840, 19.8160

Conversions

Conversions Part 2

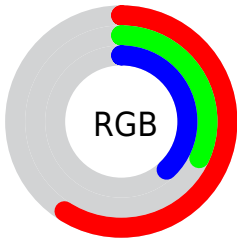
Format	Color
R_{YB}	151, 81, 97
Decimal	9916769
CIE Lab	43.25, 31.00, 3.83
CIE LCh	43, 31.238, 7.039
Yxy	13.3272, 0.4048, 0.3020
Android (android.graphics.Color)	4288106849 (0xFF975161)
YUV	103.7540, -3.3297, 41.4347
Hunter-Lab	36.5064, 23.4538, 4.5384

Details

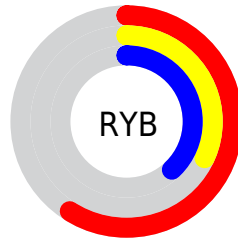
The XYZ color **17.8626, 13.3272, 12.9402** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.8338, 25.6322, 26.8779**, and the grayscale version is **13.0945, 13.7764, 15.0025**.

A 20% lighter version of the original color is **39.2499, 31.8745, 31.6875**, and **6.0712, 3.8681, 3.5586** is the 20% darker color. If you saturate the color by 10%, you get **16.3588, 11.1260, 9.9530**, and if you desaturate by 10%, it is **19.6964, 16.0607, 16.4312**.

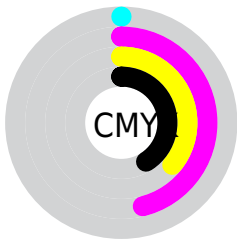
Distribution



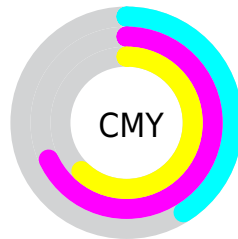
- Red (59%)
- Green (32%)
- Blue (38%)



- Red (59%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (46%)
- Yellow (36%)
- Black (41%)





- Cyan (41%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.8626, 13.3272, 12.9402 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 17.8626, 13.3272, 12.9402 by changing the saturation by 10% instead.


 17.8626, 13.3272,
12.9402


 17.8626, 13.3272,
12.9402


233.1560,
213.0041, 221.7284


 10.9505, 7.6542,
7.2571


 39.3350, 31.8904,
31.8859

 6.1006, 3.8745,
3.5426


 54.6259, 45.5494,
45.9857


 2.9476, 1.6036,
1.3779

 73.4406, 62.6392,
63.7280

 1.1261, 0.3600,
0.1244

 96.1442, 83.5442,
85.5316

 0.0468, 0.0000,
0.0000

 123.1022,
108.6488, 111.8149

 0.0000, 0.0000,
0.0000

154.6800,

138.3374, 142.9964

191.2428,
172.9944, 179.4947

■ 17.8626, 13.3272,
12.9402

■ 17.8626, 13.3272,
12.9402

■ 16.3588, 11.1260,
9.9530

■ 19.6964, 16.0607,
16.4312

■ 15.1638, 9.4203,
7.4452

■ 21.8776, 19.3561,
20.4476

■ 14.2555, 8.1716,
5.3910

■ 24.4236, 23.2434,
25.0103


■ 13.6080, 7.3350,
3.7621


■ 27.3504, 27.7498,
30.1391


■ 13.1844, 6.8437,
2.5243


■ 30.6729, 32.9007,
35.8527

 13.0587, 6.6978,
2.1567

 34.4052, 38.7201,
42.1689

 38.5608, 45.2309,
49.1048

 43.1526, 52.4547,
56.6767

 48.1928, 60.4125,
64.9004

Harmonies

Analogous

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



17.4468, 13.3272, 20.3479



17.8626, 13.3272, 12.9402



16.7512, 13.3272, 7.8791

Triad

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



17.8626, 13.3272, 12.9402



10.0686, 13.3272, 6.2680



10.9391, 13.3272, 30.5424

Complementary

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



17.8626, 13.3272, 12.9402



18.8338, 25.6322, 26.8779

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.



9.3074, 13.3272, 24.0967



17.8626, 13.3272, 12.9402



8.8513, 13.3272, 9.9130

Square

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



17.8626, 13.3272, 12.9402



12.1060, 13.3272, 4.9037



8.5915, 13.3272, 16.2042



13.2453, 13.3272, 32.1367

Rectangle

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



17.8626, 13.3272, 12.9402



15.3679, 13.3272, 5.9627



8.5915, 13.3272, 16.2042



10.3029, 13.3272, 28.7902

Sweetspot

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



17.8630, 13.3279, 12.9405



44.7702, 43.2078, 46.6115



18.4670, 13.2432, 30.8611



9.9495, 9.4734, 10.1945



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.



17.8630, 13.3279, 12.9405



29.1136, 19.6607, 17.4507



18.7734, 16.2246, 9.9276



6.2638, 6.2447, 6.7691



11.1188, 5.7018, 1.8847



0.1783, 0.0901, 0.0917

Inverse Universe

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



17.8630, 13.3279, 12.9405



29.1136, 19.6607, 17.4507



17.2763, 20.5773, 32.3395



6.2638, 6.2447, 6.7691



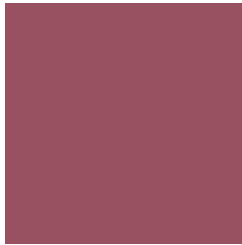
11.1188, 5.7018, 1.8847



0.1783, 0.0901, 0.0917

Previews

White Background



This preview shows how the XYZ color 17.8626, 13.3272, 12.9402 looks on a white background.

Color Contrast Check

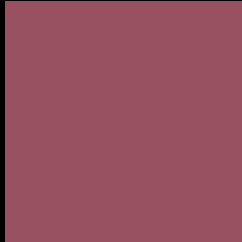
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8626, 13.3272, 12.9402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

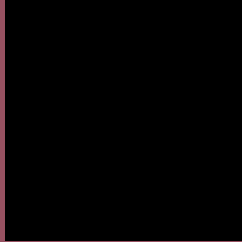
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8626, 13.3272, 12.9402

Background



This preview shows how black text looks on a background with the XYZ color 17.8626, 13.3272, 12.9402.



This preview shows how white text looks on a background with the XYZ color 17.8626, 13.3272,

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

17.8626, 13.3272, 12.9402

Protanopia

13.1052, 13.4904, 16.3812

Deuteranopia

13.6847, 13.4448, 12.4635



Tritanopia

17.3564, 13.2232, 10.8701

Trichromacy



Original Color

17.8626, 13.3272, 12.9402

Protanomaly

14.2982, 13.0184, 15.1238

Deuteranomaly

14.9460, 13.1476, 12.5765

Tritanomaly

17.4833, 13.2739, 11.5382

Monochromacy



Original Color

17.8626, 13.3272, 12.9402

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.4170, 13.3703, 14.1328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8626, 13.3272, 12.9402 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, 81, 97)` looks like.

```
.text, #text, p{  
    color:rgb(151, 81, 97)  
}
```

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, 81, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 81, 97) }
```

Border

The CSS property to change the border of an element to XYZ 17.8626, 13.3272, 12.9402 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, 81, 97) }
```


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

```
.border{ border-color:rgb(151, 81, 97) }
```

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

Here you see how a box with a 4 pixel rgb(151, 81, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 81, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 81, 97);  
box-shadow:4px 4px 4px 4px rgb(151, 81,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8626, 13.3272, 12.9402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 81, 97) }
```

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

```
.background{ background-color: rgb(151, 81,  
97) }
```

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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