

Converting Colors

XYZ(17.1907, 15.1870, 13.7550)

Have a look what the booklet for
XYZ(17.1907, 15.1870, 13.7550)
contains.

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Color

**XYZ(17.1952, 15.2278,
13.8374)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6363
RGB	138, 99, 99
RGB Percent	54%, 39%, 39%
CMY	0.4588, 0.6118, 0.6118
CMYK	0.00, 0.28, 0.28, 0.46
HSL	0°, 16%, 46%
HSV	0°, 28%, 54%
XYZ	17.1952, 15.2278, 13.8374
YIQ	110.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

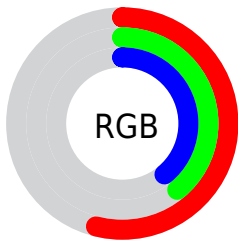
Format	Color
R_{YB}	138, 99, 99
Decimal	9069411
CIE Lab	45.94, 15.78, 6.25
CIE LCh	46, 16.976, 21.596
Yxy	15.2278, 0.3717, 0.3292
Android (android.graphics.Color)	4287259491 (0xFF8A6363)
YUV	110.6610, -5.7489, 23.9763
Hunter-Lab	39.0228, 10.3652, 6.2919

Details

The XYZ color **17.1952, 15.2278, 13.8374** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.8213, 22.6639, 27.4274**, and the grayscale version is **15.0230, 15.8054, 17.2121**.

A 20% lighter version of the original color is **38.1496, 35.2212, 33.6418**, and **5.8011, 4.7393, 3.9772** is the 20% darker color. If you saturate the color by 10%, you get **15.3936, 12.5916, 10.2553**, and if you desaturate by 10%, it is **19.3338, 18.3573, 18.0884**.

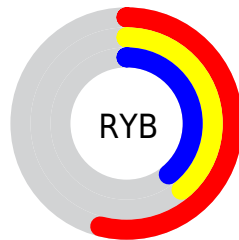
Distribution



Red (54%)

Green (39%)

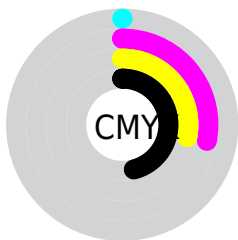
Blue (39%)



Red (54%)

Yellow (39%)

Blue (39%)

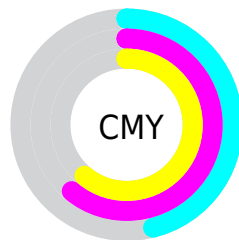


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (46%)



Cyan (46%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1952, 15.2278, 13.8374 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 17.1952, 15.2278, 13.8374 by changing the saturation by 10% instead.

■ 17.1952, 15.2278,
13.8374

■ 17.1952, 15.2278,
13.8374

229.4291,
224.7409, 227.6101

■ 10.4699, 8.9794,
7.8702

■ 38.2020, 35.2523,
33.5132

■ 5.7763, 4.7278,
3.9254

■ 53.2143, 49.7972,
48.0589

■ 2.7489, 2.0884,
1.5845

■ 71.7196, 67.8765,
66.3012

■ 1.0224, 0.6581,
0.2797

■ 94.0833, 89.8744,
88.6585

■ 0.0000, 0.0000,
0.0000

120.6707,
116.1754, 115.5496

151.8473,

147.1639, 147.3928

187.9783,
183.2243, 184.6068

■ 17.1952, 15.2278,
13.8374

■ 17.1952, 15.2278,
13.8374

■ 15.3936, 12.5916,
10.2553

■ 19.3338, 18.3573,
18.0884

■ 13.9106, 10.4216,
7.3073

■ 21.8241, 22.0013,
23.0390

■ 12.7281, 8.6913,
4.9567

■ 24.6813, 26.1821,
28.7191

■ 11.8257, 7.3707,
3.1627

■ 27.9194, 30.9203,
35.1564

■ 11.1801, 6.4260,
1.8794

■ 31.5517, 36.2354,
42.3775

■ 10.7647, 5.8181,
1.0538

■ 35.5908, 42.1457,
50.4073

■ 10.5206, 5.4609,
0.5685

■ 40.0489, 48.6690,
59.2700

■ 10.4814, 5.4035,
0.4905

■ 44.9374, 55.8222,
68.9886

■ 50.2676, 63.6216,
79.5851

Harmonies

Analogous

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



17.3800, 15.2278, 17.7631



17.1952, 15.2278, 13.8374



16.2571, 15.2278, 11.1244

Triad

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



17.1952, 15.2278, 13.8374



12.4162, 15.2278, 12.1380



14.0738, 15.2278, 25.6963

Complementary

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



17.1952, 15.2278, 13.8374



18.8213, 22.6639, 27.4274

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.



12.8255, 15.2278, 23.5801



17.1952, 15.2278, 13.8374



11.9107, 15.2278, 15.4516

Square

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



17.1952, 15.2278, 13.8374



13.4811, 15.2278, 10.2620



12.0554, 15.2278, 19.6641



15.5136, 15.2278, 25.0719

Rectangle

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



17.1952, 15.2278, 13.8374



15.3628, 15.2278, 10.1530



12.0554, 15.2278, 19.6641



13.6193, 15.2278, 25.2708

Sweetspot

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



17.1956, 15.2285, 13.8377



38.5108, 38.8426, 40.6939



19.5306, 16.1621, 26.1350



8.4964, 8.5054, 8.8464



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.1956, 15.2285, 13.8377



28.1903, 23.7408, 20.1771



19.2710, 19.3792, 14.5295



5.0329, 5.0486, 5.2616



9.6099, 4.9542, 0.4498



0.0638, 0.0329, 0.0030

Inverse Universe

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



18.8213, 22.6639, 27.4274



31.5509, 39.1112, 48.2695



16.2707, 17.5628, 26.5772



5.1728, 5.6886, 6.4312



12.5377, 18.3457, 24.9260



0.0833, 0.1219, 0.1656

Previews

White Background



This preview shows how the XYZ color 17.1952, 15.2278, 13.8374 looks on a white background.

Color Contrast Check

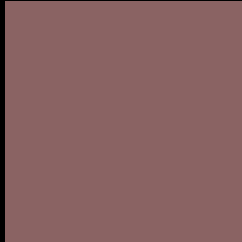
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1952, 15.2278, 13.8374 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 17.1952, 15.2278, 13.8374

Background



This preview shows how black text looks on a background with the XYZ color 17.1952, 15.2278, 13.8374.



This preview shows how white text looks on a background with the XYZ color 17.1952, 15.2278,

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

17.1952, 15.2278, 13.8374

Protanopia

14.6494, 15.3815, 15.2935

Deuteranopia

15.5684, 15.2701, 13.6822



Tritanopia

17.5649, 15.2443, 15.3813

Trichromacy



Original Color

17.1952, 15.2278, 13.8374

Protanomaly

15.3350, 15.1274, 14.6820

Deuteranomaly

16.1081, 15.2495, 13.6497

Tritanomaly

17.4633, 15.2036, 14.8461

Monochromacy



Original Color

17.1952, 15.2278, 13.8374

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.7967, 15.6419, 16.0965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1952, 15.2278, 13.8374 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(138, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(138, 99, 99)  
}
```

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(138, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 99, 99) }
```

Border

The CSS property to change the border of an element to XYZ 17.1952, 15.2278, 13.8374 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(138, 99, 99) }
```


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

```
.border{ border-color:rgb(138, 99, 99) }
```

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

Here you see how a box with a 4 pixel rgb(138, 99, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(138, 99,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1952, 15.2278, 13.8374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 99, 99) }
```

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

```
.background{ background-color: rgb(138, 99,  
99) }
```

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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