

Converting Colors

XYZ(20.8367, 18.4107, 17.3257)

Have a look what the booklet for
XYZ(20.8367, 18.4107, 17.3257)
contains.

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Color

**XYZ(20.7547, 18.3349,
17.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	966C6E
RGB	150, 108, 110
RGB Percent	59%, 42%, 43%
CMY	0.4118, 0.5765, 0.5686
CMYK	0.00, 0.28, 0.27, 0.41
HSL	357°, 17%, 51%
HSV	357°, 28%, 59%
XYZ	20.7547, 18.3349, 17.1970
YIQ	120.7860, 24.3900, 9.5260

Conversions

Conversions Part 2

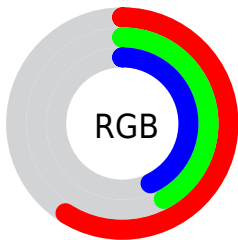
Format	Color
R_{YB}	150, 108, 110
Decimal	9858158
CIE _{Lab}	49.90, 17.04, 5.51
CIE _{LCh}	50, 17.908, 17.925
Yxy	18.3349, 0.3687, 0.3257
Android (android.graphics.Color)	4288048238 (0xFF966C6E)
YUV	120.7860, -5.3175, 25.6207
Hunter-Lab	42.8193, 11.5861, 6.1615

Details

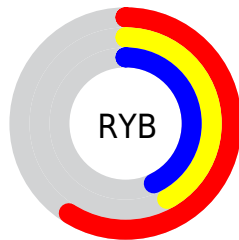
The XYZ color **20.7547, 18.3349, 17.1970** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4367, 27.1394, 32.0741**, and the grayscale version is **18.1164, 19.0598, 20.7562**.

A 20% lighter version of the original color is **44.2692, 40.7294, 39.7107**, and **7.5501, 6.1873, 5.4990** is the 20% darker color. If you saturate the color by 10%, you get **18.5906, 15.1527, 12.9424**, and if you desaturate by 10%, it is **23.3175, 22.1134, 22.2036**.

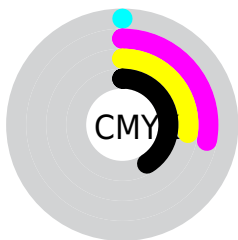
Distribution



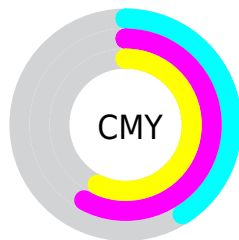
- Red (59%)
- Green (42%)
- Blue (43%)



- Red (59%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (41%)





- Cyan (41%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7547, 18.3349, 17.1970 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 20.7547, 18.3349, 17.1970 by changing the saturation by 10% instead.


 20.7547, 18.3349,
17.1970

 20.7547, 18.3349,
17.1970


248.7284,
242.7520, 248.3874


 13.0563, 11.1907,
10.2116


 44.1733, 40.6072,
39.4595


 7.5446, 6.1952,
5.4320


 60.6241, 56.5040,
55.5736

 3.8543, 2.9642,
2.4398


 80.7232, 76.0872,
75.5677

 1.6200, 1.1131,
0.8080

 104.8357, 99.7411,
99.8604

 0.4054, 0.0000,
0.0000

133.3272,
127.8502, 128.8702

 0.0000, 0.0000,
0.0000

166.5629,

160.7987, 163.0156

204.9082,
198.9712, 202.7151

■ 20.7547, 18.3349,
17.1970

■ 20.7547, 18.3349,
17.1970

■ 18.5906, 15.1527,
12.9424

■ 23.3175, 22.1134,
22.2036

■ 16.8037, 12.5339,
9.4026

■ 26.2959, 26.5137,
27.9950

■ 15.3728, 10.4464,
6.5385

■ 29.7078, 31.5631,
34.6033

■ 14.2741, 8.8540,
4.3073

■ 33.5697, 37.2862,
42.0584

■ 13.4808, 7.7156,
2.6609

■ 37.8971, 43.7066,
50.3888

■ 12.9619, 6.9839,
1.5444

■ 42.7047, 50.8468,
59.6217

■ 12.6651, 6.5712,
0.8878

■ 48.0067, 58.7280,
69.7830

■ 12.6168, 6.4997,
0.7944

■ 53.8167, 67.3708,
80.8977

■ 60.1476, 76.7948,
92.9897

Harmonies

Analogous

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



20.8527, 18.3349, 22.0041



20.7547, 18.3349, 17.1970



19.7301, 18.3349, 13.7446

Triad

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



20.7547, 18.3349, 17.1970



15.0929, 18.3349, 14.2826



16.7463, 18.3349, 30.6901

Complementary

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



20.7547, 18.3349, 17.1970



22.4367, 27.1394, 32.0741

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.



15.3101, 18.3349, 27.8220



20.7547, 18.3349, 17.1970



14.3983, 18.3349, 18.0533

Square

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



20.7547, 18.3349, 17.1970



16.4319, 18.3349, 12.2617



14.4751, 18.3349, 23.0120



18.4610, 18.3349, 30.3592

Rectangle

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



20.7547, 18.3349, 17.1970



18.6951, 18.3349, 12.4314



14.4751, 18.3349, 23.0120



16.2172, 18.3349, 30.0511

Sweetspot

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



20.7552, 18.3358, 17.1974



46.3162, 46.6576, 49.2302



23.0627, 19.2145, 31.3475



10.0922, 10.0855, 10.5760



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.7552, 18.3358, 17.1974



34.0036, 28.4971, 25.1959



22.8614, 22.7203, 17.3689



5.8113, 5.8196, 6.1125



10.4675, 5.3921, 0.6771



0.1303, 0.0669, 0.0200

Inverse Universe

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



20.7552, 18.3358, 17.1974



34.0036, 28.4971, 25.1959



19.8198, 21.6503, 31.9886



5.8113, 5.8196, 6.1125



10.4675, 5.3921, 0.6771



0.1303, 0.0669, 0.0200

Previews

White Background



This preview shows how the XYZ color 20.7547, 18.3349, 17.1970 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 20.7547, 18.3349, 17.1970 looks on a black 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

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

XYZ 20.7547, 18.3349, 17.1970

Background



This preview shows how black text looks on a background with the XYZ color 20.7547, 18.3349, 17.1970.



This preview shows how white text looks on a background with the XYZ color 20.7547, 18.3349,

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

20.7547, 18.3349, 17.1970

Protanopia

17.6569, 18.3554, 19.1353

Deuteranopia

18.7226, 18.4339, 17.0393



Tritanopia

21.1147, 18.3325, 18.6453

Trichromacy



Original Color

20.7547, 18.3349, 17.1970

Protanomaly

18.5703, 18.1551, 18.4451

Deuteranomaly

19.3697, 18.2679, 16.9732

Tritanomaly

21.0008, 18.2870, 18.0457

Monochromacy



Original Color

20.7547, 18.3349, 17.1970

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.9720, 18.6807, 19.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7547, 18.3349, 17.1970 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(150, 108, 110)` looks like.

```
.text, #text, p{  
    color:rgb(150, 108, 110)  
}
```

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(150, 108, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 108, 110) }
```

Border

The CSS property to change the border of an element to XYZ 20.7547, 18.3349, 17.1970 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(150, 108, 110) }
```


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

```
.border{ border-color:rgb(150, 108, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 108, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 108, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 108, 110);  
box-shadow:4px 4px 4px 4px rgb(150, 108,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7547, 18.3349, 17.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 108, 110) }
```

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

```
.background{ background-color: rgb(150,  
108, 110) }
```

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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