

Converting Colors

XYZ(19.1790, 16.9842, 17.0783)

Have a look what the booklet for
XYZ(19.1790, 16.9842, 17.0783)
contains.

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Color

**XYZ(19.1937, 17.0686,
17.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	8F696E
RGB	143, 105, 110
RGB Percent	56%, 41%, 43%
CMY	0.4392, 0.5882, 0.5686
CMYK	0.00, 0.27, 0.23, 0.44
HSL	352°, 15%, 49%
HSV	352°, 27%, 56%
XYZ	19.1937, 17.0686, 17.0348
YIQ	116.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

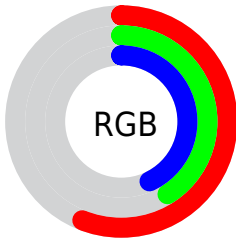
Format	Color
R_{YB}	143, 105, 110
Decimal	9398638
CIE _{Lab}	48.35, 15.99, 3.17
CIE _{LCh}	48, 16.301, 11.229
Yxy	17.0686, 0.3601, 0.3203
Android (android.graphics.Color)	4287588718 (0xFF8F696E)
YUV	116.9320, -3.4175, 22.8616
Hunter-Lab	41.3142, 10.6276, 4.4733

Details

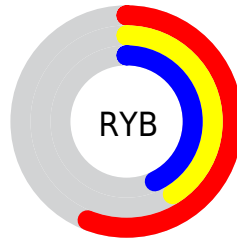
The XYZ color **19.1937, 17.0686, 17.0348** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2363, 24.4835, 27.7051**, and the grayscale version is **16.8935, 17.7733, 19.3552**.

A 20% lighter version of the original color is **41.3474, 38.2205, 38.9163**, and **6.7740, 5.5604, 5.4189** is the 20% darker color. If you saturate the color by 10%, you get **17.2284, 14.1452, 13.2742**, and if you desaturate by 10%, it is **21.4997, 20.5213, 21.3770**.

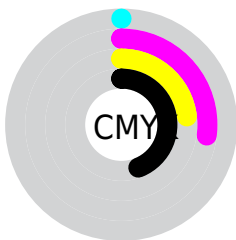
Distribution



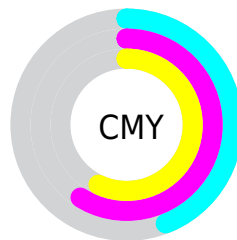
- Red (56%)
- Green (41%)
- Blue (43%)



- Red (56%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (44%)





- Cyan (44%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.1937, 17.0686, 17.0348 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 19.1937, 17.0686, 17.0348 by changing the saturation by 10% instead.

 19.1937, 17.0686,
17.0348


 19.1937, 17.0686,
17.0348


240.4337,
235.5674, 247.4236


 11.9152, 10.2834,
10.0971


 41.5755, 38.4437,
39.1771


 6.7577, 5.5873,
5.3569


 57.4095, 53.8024,
55.2187

 3.3560, 2.5958,
2.3958

 76.8260, 72.7877,
75.1321

 1.3447, 0.9245,
0.7842

 100.1903, 95.7840,
99.3357

 0.2163, 0.0000,
0.0000

127.8679,
123.1758, 128.2481

 0.0000, 0.0000,
0.0000

160.2241,

155.3473, 162.2879

197.6242,
192.6830, 201.8735

■ 19.1937, 17.0686,
17.0348

■ 19.1937, 17.0686,
17.0348

■ 17.2284, 14.1452,
13.2742

■ 21.4997, 20.5213,
21.3770

■ 15.5862, 11.7228,
10.0693

■ 24.1600, 24.5253,
26.3230

■ 14.2500, 9.7738,
7.3941

■ 27.1893, 29.1040,
31.8950

■ 13.2008, 8.2672,
5.2199

■ 30.6010, 34.2790,
38.1141

■ 12.4171, 7.1681,
3.5150

■ 34.4078, 40.0706,
44.9999

■ 11.8746, 6.4366,
2.2446

■ 38.6218, 46.4982,
52.5716

■ 11.5362, 6.0082,
1.3657

■ 43.2546, 53.5803,
60.8475

■ 11.4436, 5.8860,
1.1404

■ 48.3175, 61.3348,
69.8452

■ 53.8210, 69.7787,
79.5815

Harmonies

Analogous

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



19.0850, 17.0686, 21.3475



19.1937, 17.0686, 17.0348



18.4710, 17.0686, 13.6917

Triad

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



19.1937, 17.0686, 17.0348



14.4101, 17.0686, 13.0795



15.3200, 17.0686, 27.4702

Complementary

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



19.1937, 17.0686, 17.0348



20.2363, 24.4835, 27.7051

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.



14.1656, 17.0686, 24.5236



19.1937, 17.0686, 17.0348



13.6628, 17.0686, 16.0714

Square

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



19.1937, 17.0686, 17.0348



15.6725, 17.0686, 11.6520



13.5762, 17.0686, 20.2261



16.7866, 17.0686, 27.8337

Rectangle

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



19.1937, 17.0686, 17.0348



17.6393, 17.0686, 12.2892



13.5762, 17.0686, 20.2261



14.8850, 17.0686, 26.7300

Sweetspot

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



19.1942, 17.0694, 17.0351



42.4616, 42.7068, 45.6503



20.4802, 17.4847, 28.2820



9.5799, 9.5563, 10.1767



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.1942, 17.0694, 17.0351



32.1538, 27.2617, 26.2739



20.4669, 20.0380, 16.1547



5.4360, 5.4349, 5.7938



10.1232, 5.2063, 1.0340



0.1013, 0.0516, 0.0335

Inverse Universe

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



19.1942, 17.0694, 17.0351



32.1538, 27.2617, 26.2739



18.6433, 20.7051, 29.0005



5.4360, 5.4349, 5.7938



10.1232, 5.2063, 1.0340



0.1013, 0.0516, 0.0335

Previews

White Background



This preview shows how the XYZ color 19.1937, 17.0686, 17.0348 looks on a white background.

Color Contrast Check

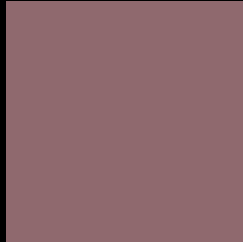
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1937, 17.0686, 17.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

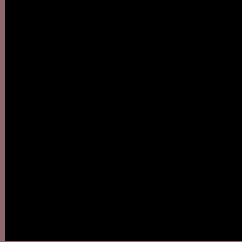
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.1937, 17.0686, 17.0348

Background



This preview shows how black text looks on a background with the XYZ color 19.1937, 17.0686, 17.0348.



This preview shows how white text looks on a background with the XYZ color 19.1937, 17.0686,

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

19.1937, 17.0686, 17.0348

Protanopia

16.4479, 17.0543, 18.6446

Deuteranopia

17.3468, 17.0622, 16.8471



Tritanopia

19.3599, 17.1350, 17.9098

Trichromacy



Original Color

19.1937, 17.0686, 17.0348

Protanomaly

17.2693, 16.9968, 17.9933

Deuteranomaly

17.9018, 17.0280, 16.8112

Tritanomaly

19.3039, 17.1126, 17.6149

Monochromacy



Original Color

19.1937, 17.0686, 17.0348

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.5466, 17.4608, 18.3651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1937, 17.0686, 17.0348 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(143, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(143, 105, 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(143, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 105, 110) }
```

Border

The CSS property to change the border of an element to XYZ 19.1937, 17.0686, 17.0348 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(143, 105, 110) }
```


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

```
.border{ border-color:rgb(143, 105, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 105, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(143, 105,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1937, 17.0686, 17.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 105, 110) }
```

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

```
.background{ background-color: rgb(143,  
105, 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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