

Converting Colors

XYZ(19.2090, 17.4921, 20.2659)

Have a look what the booklet for
XYZ(19.2090, 17.4921, 20.2659)
contains.

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Color

**XYZ(19.2340, 17.4845,
20.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6C78
RGB	138, 108, 120
RGB Percent	54%, 42%, 47%
CMY	0.4588, 0.5765, 0.5294
CMYK	0.00, 0.22, 0.13, 0.46
HSL	336°, 12%, 48%
HSV	336°, 22%, 54%
XYZ	19.2340, 17.4845, 20.1304
YIQ	118.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

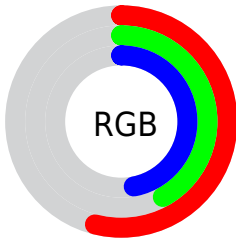
Format	Color
R_{YB}	138, 108, 120
Decimal	9071736
CIE _{Lab}	48.86, 13.96, -2.10
CIE _{LCh}	49, 14.116, 351.444
Yxy	17.4845, 0.3383, 0.3076
Android (android.graphics.Color)	4287261816 (0xFF8A6C78)
YUV	118.3380, 0.8194, 17.2436
Hunter-Lab	41.8145, 8.9319, 0.7266

Details

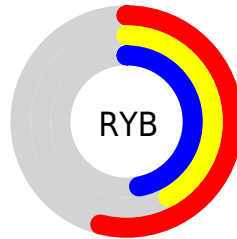
The XYZ color **19.2340, 17.4845, 20.1304** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.0395, 22.8720, 23.1511**, and the grayscale version is **17.3207, 18.2228, 19.8446**.

A 20% lighter version of the original color is **41.7554, 39.3266, 44.4198**, and **6.8101, 5.7743, 6.8865** is the 20% darker color. If you saturate the color by 10%, you get **17.4112, 14.6086, 17.1497**, and if you desaturate by 10%, it is **21.3316, 20.8402, 23.4176**.

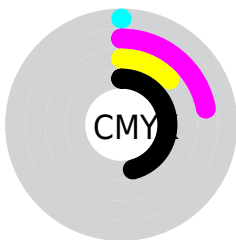
Distribution



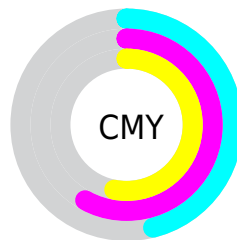
- Red (54%)
- Green (42%)
- Blue (47%)



- Red (54%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (46%)



- Cyan (46%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2340, 17.4845, 20.1304 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 19.2340, 17.4845, 20.1304 by changing the saturation by 10% instead.

■ 19.2340, 17.4845,
20.1304

■ 19.2340, 17.4845,
20.1304

240.6509,
237.9491, 265.2477

■ 11.9445, 10.5805,
12.3049

■ 41.6430, 39.1569,
44.4975

■ 6.7778, 5.7855,
6.8266

■ 57.4931, 54.6942,
61.8762

■ 3.3686, 2.7151,
3.2771

■ 76.9275, 73.8780,
83.2763

■ 1.3516, 0.9849,
1.2378

■ 100.3116, 97.0928,
109.1165

■ 0.2213, 0.0000,
0.0100

128.0106,
124.7229, 139.8151

■ 0.0000, 0.0000,
0.0000

160.3899,

157.1527, 175.7909

197.8149,
194.7667, 217.4622

■ 19.2340, 17.4845,
20.1304

■ 19.2340, 17.4845,
20.1304

■ 17.4112, 14.6086,
17.1497

■ 21.3316, 20.8402,
23.4176

■ 15.8499, 12.1880,
14.4650

■ 23.7138, 24.6938,
27.0192

■ 14.5378, 10.1997,
12.0668

■ 26.3915, 29.0657,
30.9440

■ 13.4608, 8.6178,
9.9445

■ 29.3748, 33.9742,
35.2002

■ 12.6036, 7.4132,
8.0870

■ 32.6731, 39.4367,
39.7957

■ 11.9488, 6.5535,
6.4820

■ 36.2954, 45.4699,
44.7381

■ 11.4762, 6.0002,
5.1158

■ 40.2506, 52.0898,
50.0347

■ 11.1756, 5.6810,
4.1462

■ 44.5469, 59.3117,
55.6927

■ 49.1925, 67.1504,
61.7190

Harmonies

Analogous

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



18.6657, 17.4845, 23.8936



19.2340, 17.4845, 20.1304



19.0732, 17.4845, 16.5218

Triad

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



19.2340, 17.4845, 20.1304



15.7151, 17.4845, 13.0852



15.0985, 17.4845, 25.2499

Complementary

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



19.2340, 17.4845, 20.1304



19.0395, 22.8720, 23.1511

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.



14.3840, 17.4845, 21.7967



19.2340, 17.4845, 20.1304



14.7268, 17.4845, 14.8887

Square

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



19.2340, 17.4845, 20.1304



16.9958, 17.4845, 12.7617



14.2515, 17.4845, 17.9852



16.2468, 17.4845, 27.0932

Rectangle

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



19.2340, 17.4845, 20.1304



18.5777, 17.4845, 14.6536



14.2515, 17.4845, 17.9852



14.8021, 17.4845, 24.2190

Sweetspot

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



19.2345, 17.4853, 20.1308



39.4631, 39.7389, 44.1197



18.5549, 16.9966, 26.3478



8.8078, 8.8428, 9.8298



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.



19.2345, 17.4853, 20.1308



32.2962, 28.2742, 32.8852



18.8731, 17.8557, 16.6401



5.1103, 5.0796, 5.6695



10.2532, 5.2114, 3.8376



0.0750, 0.0374, 0.0618

Inverse Universe

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



19.2345, 17.4853, 20.1308



32.2962, 28.2742, 32.8852



19.4364, 22.3516, 27.3349



5.1103, 5.0796, 5.6695



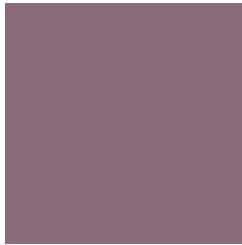
10.2532, 5.2114, 3.8376



0.0750, 0.0374, 0.0618

Previews

White Background



This preview shows how the XYZ color 19.2340, 17.4845, 20.1304 looks on a white background.

Color Contrast Check

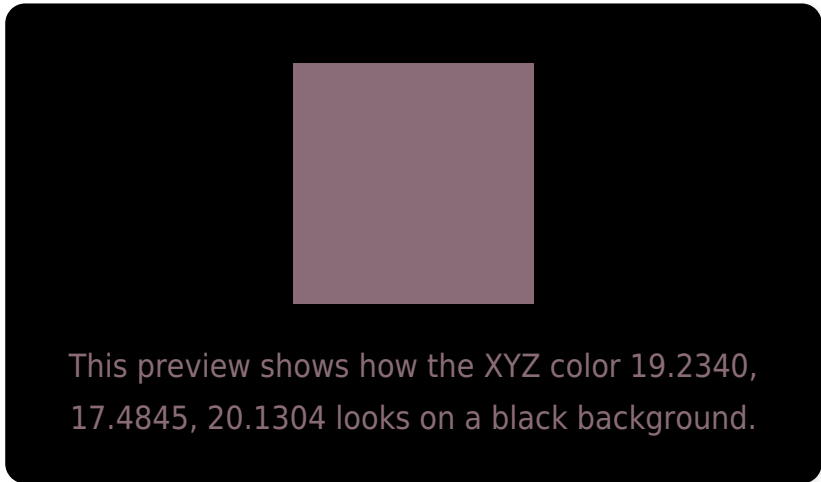
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 19.2340, 17.4845, 20.1304

Background



This preview shows how black text looks on a background with the XYZ color 19.2340, 17.4845, 20.1304.



This preview shows how white text looks on a background with the XYZ color 19.2340, 17.4845,

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

19.2340, 17.4845, 20.1304

Protanopia

17.1495, 17.6845, 21.9116

Deuteranopia

17.8391, 17.5778, 19.9054



Tritanopia

19.1608, 17.6249, 19.2217

Trichromacy



Original Color

19.2340, 17.4845, 20.1304

Protanomaly

17.7925, 17.5254, 21.1839

Deuteranomaly

18.2201, 17.4466, 19.8600

Tritanomaly

19.2199, 17.6486, 19.5331

Monochromacy



Original Color

19.2340, 17.4845, 20.1304

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.8045, 17.7265, 19.9359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2340, 17.4845, 20.1304 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, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(138, 108, 120)  
}
```

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, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 108, 120) }
```

Border

The CSS property to change the border of an element to XYZ 19.2340, 17.4845, 20.1304 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, 108, 120) }
```


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

```
.border{ border-color:rgb(138, 108, 120) }
```

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

Here you see how a box with a 4 pixel rgb(138, 108, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(138, 108,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2340, 17.4845, 20.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 108, 120) }
```

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

```
.background{ background-color: rgb(138,  
108, 120) }
```

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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