

Converting Colors

XYZ(20.5035, 19.6880, 17.4714)

Have a look what the booklet for
XYZ(20.5035, 19.6880, 17.4714)
contains.

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Color

**XYZ(20.5035, 19.6880,
17.4714)**

Conversions

Conversions Part 1

Format	Color
Hex	8F756E
RGB	143, 117, 110
RGB Percent	56%, 46%, 43%
CMY	0.4392, 0.5412, 0.5686
CMYK	0.00, 0.18, 0.23, 0.44
HSL	13°, 13%, 50%
HSV	13°, 23%, 56%
XYZ	20.5035, 19.6880, 17.4714
YIQ	123.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

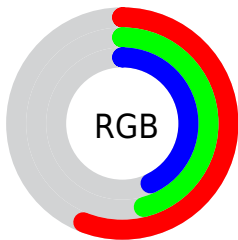
Format	Color
R_{YB}	143, 119, 110
Decimal	9401710
CIE _{Lab}	51.48, 9.00, 7.67
CIE _{LCh}	51, 11.822, 40.443
Yxy	19.6880, 0.3556, 0.3414
Android (android.graphics.Color)	4287591790 (0xFF8F756E)
YUV	123.9760, -6.8902, 16.6840
Hunter-Lab	44.3712, 4.8337, 7.7140

Details

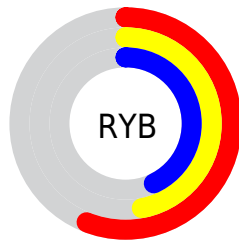
The XYZ color **20.5035, 19.6880, 17.4714** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1924, 22.9061, 29.3439**, and the grayscale version is **19.1687, 20.1670, 21.9618**.

A 20% lighter version of the original color is **43.7355, 42.8549, 40.1491**, and **7.4113, 6.8794, 5.4947** is the 20% darker color. If you saturate the color by 10%, you get **18.5524, 16.9328, 13.2848**, and if you desaturate by 10%, it is **22.7393, 22.8112, 22.3733**.

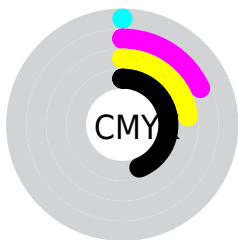
Distribution



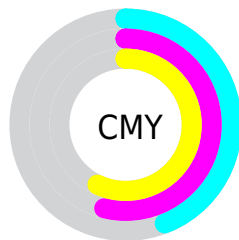
- Red (56%)
- Green (46%)
- Blue (43%)



- Red (56%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5035, 19.6880, 17.4714 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 20.5035, 19.6880, 17.4714 by changing the saturation by 10% instead.

■ 20.5035, 19.6880,
17.4714

■ 20.5035, 19.6880,
17.4714

247.4099,
250.2210, 250.0097

■ 12.8720, 12.1685,
10.4057

■ 43.7573, 42.8935,
39.9362

■ 7.4168, 6.8585,
5.5596

■ 60.1102, 59.3482,
56.1724

■ 3.7728, 3.3738,
2.5148

■ 80.1010, 79.5501,
76.3024

■ 1.5744, 1.3298,
0.8480

■ 104.0950,
103.8835, 100.7449

■ 0.3756, 0.1641,
0.0000

132.4575,
132.7330, 129.9183

■ 0.0000, 0.0000,
0.0000

165.5539,

166.4828, 164.2412

203.7496,
205.5173, 204.1322

■ 20.5035, 19.6880,
17.4714

■ 20.5035, 19.6880,
17.4714

■ 18.5524, 16.9328,
13.2848

■ 22.7393, 22.8112,
22.3733

■ 16.8729, 14.5295,
9.7788

■ 25.2692, 26.3126,
28.0206

■ 15.4530, 12.4643,
6.9175

■ 28.1039, 30.2054,
34.4432

■ 14.2794, 10.7220,
4.6611

■ 31.2534, 34.5011,
41.6690

■ 13.3373, 9.2858,
2.9658

■ 34.7271, 39.2110,
49.7244

■ 12.6103, 8.1375,
1.7812

■ 38.5338, 44.3458,
58.6348

■ 12.0798, 7.2569,
1.0483

■ 42.6823, 49.9159,
68.4242

■ 11.8008, 6.7858,
0.6878

■ 47.1809, 55.9313,
79.1160

■ 52.0375, 62.4016,
90.7325

Harmonies

Analogous

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



21.0475, 19.6880, 20.2742



20.5035, 19.6880, 17.4714



19.4870, 19.6880, 15.8503

Triad

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



20.5035, 19.6880, 17.4714



16.6442, 19.6880, 19.3232



19.1295, 19.6880, 28.5264

Complementary

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



20.5035, 19.6880, 17.4714



20.1924, 22.9061, 29.3439

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.



17.9595, 19.6880, 28.2025



20.5035, 19.6880, 17.4714



16.5576, 19.6880, 22.6432

Square

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



20.5035, 19.6880, 17.4714



17.2715, 19.6880, 16.8386



17.0296, 19.6880, 25.9611



20.2323, 19.6880, 26.8042

Rectangle

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



20.5035, 19.6880, 17.4714



18.6952, 19.6880, 15.5442



17.0296, 19.6880, 25.9611



18.7305, 19.6880, 28.6573

Sweetspot

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



20.5040, 19.6889, 17.4718



43.3433, 44.4851, 45.8979



21.3763, 18.7808, 25.9406



9.8872, 10.1290, 10.4085



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.



20.5040, 19.6889, 17.4718



34.7301, 32.4577, 26.9990



22.5437, 23.7682, 18.1517



5.4959, 5.5981, 5.6802



10.4474, 6.0264, 0.6126



0.1134, 0.0846, 0.0104

Inverse Universe

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



20.1924, 22.9061, 29.3439



34.0623, 39.3171, 52.3317



18.0931, 18.7074, 28.6441



5.4645, 5.9247, 6.8843



9.5865, 12.1590, 24.8187



0.1073, 0.1476, 0.2425

Previews

White Background



This preview shows how the XYZ color 20.5035, 19.6880, 17.4714 looks on a white 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

Black Background



This preview shows how the XYZ color 20.5035, 19.6880, 17.4714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

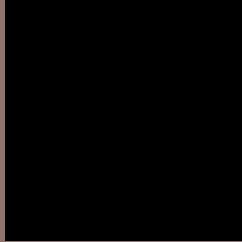
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5035, 19.6880, 17.4714

Background



This preview shows how black text looks on a background with the XYZ color 20.5035, 19.6880, 17.4714.

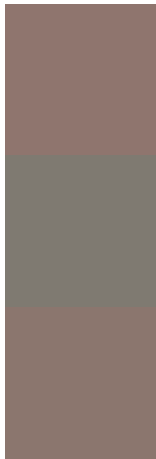


This preview shows how white text looks on a background with the XYZ color 20.5035, 19.6880,

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

20.5035, 19.6880, 17.4714

Protanopia

18.6926, 19.6233, 18.4253

Deuteranopia

19.9404, 19.5716, 17.4786



Tritanopia

21.4459, 19.7364, 21.7480

Trichromacy



Original Color

20.5035, 19.6880, 17.4714

Protanomaly

19.3140, 19.5893, 18.0924

Deuteranomaly

20.1081, 19.6581, 17.4864

Tritanomaly

21.0768, 19.7520, 20.1544

Monochromacy



Original Color

20.5035, 19.6880, 17.4714

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5272, 19.8319, 20.2515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5035, 19.6880, 17.4714 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, 117, 110)` looks like.

```
.text, #text, p{  
    color:rgb(143, 117, 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, 117, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 117, 110) }
```

Border

The CSS property to change the border of an element to XYZ 20.5035, 19.6880, 17.4714 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, 117, 110) }
```


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

```
.border{ border-color:rgb(143, 117, 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, 117, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 117, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 117, 110);  
box-shadow:4px 4px 4px 4px rgb(143, 117,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5035, 19.6880, 17.4714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 117, 110) }
```

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

```
.background{ background-color: rgb(143,  
117, 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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