

Converting Colors

XYZ(20.2058, 19.7449, 15.5298)

Have a look what the booklet for
XYZ(20.2058, 19.7449, 15.5298)
contains.

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Color

**XYZ(20.2543, 19.7758,
15.5816)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7667
RGB	143, 118, 103
RGB Percent	56%, 46%, 40%
CMY	0.4392, 0.5372, 0.5961
CMYK	0.00, 0.17, 0.28, 0.44
HSL	23°, 16%, 48%
HSV	23°, 28%, 56%
XYZ	20.2543, 19.7758, 15.5816
YIQ	123.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

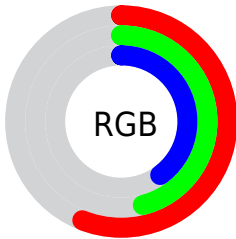
Format	Color
R_{YB}	143, 127, 103
Decimal	9401959
CIE Lab	51.58, 7.35, 11.91
CIE LCh	52, 13.993, 58.337
Yxy	19.7758, 0.3642, 0.3556
Android (android.graphics.Color)	4287592039 (0xFF8F7667)
YUV	123.7650, -10.2371, 16.8691
Hunter-Lab	44.4700, 3.4771, 10.3547

Details

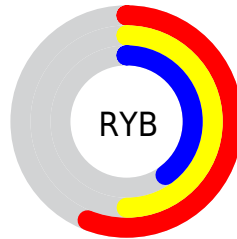
The XYZ color **20.2543, 19.7758, 15.5816** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2704, 20.3044, 28.9428**, and the grayscale version is **19.1088, 20.1039, 21.8932**.

A 20% lighter version of the original color is **43.2334, 42.9529, 36.5839**, and **7.3176, 6.9412, 4.6955** is the 20% darker color. If you saturate the color by 10%, you get **18.5942, 17.5076, 11.7848**, and if you desaturate by 10%, it is **22.1380, 22.2944, 20.0591**.

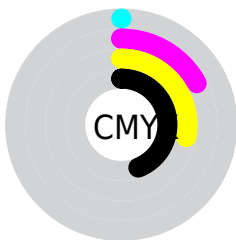
Distribution



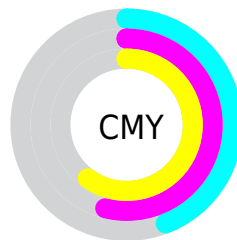
- Red (56%)
- Green (46%)
- Blue (40%)



- Red (56%)
- Yellow (50%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (44%)



- Cyan (44%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2543, 19.7758, 15.5816 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 20.2543, 19.7758, 15.5816 by changing the saturation by 10% instead.

■ 20.2543, 19.7758,
15.5816

■ 20.2543, 19.7758,
15.5816

246.0959,
250.6988, 238.6208

■ 12.6894, 12.2322,
9.0774

■ 43.3438, 43.0410,
36.6269

■ 7.2905, 6.9020,
4.6942

■ 59.5991, 59.5313,
52.0052

■ 3.6924, 3.4009,
2.0134

■ 79.4819, 79.7727,
71.1785

■ 1.5296, 1.3444,
0.5635

■ 103.3576,
104.1495, 94.5655

■ 0.3459, 0.1752,
0.0000

131.5915,
133.0461, 122.5847

■ 0.0000, 0.0000,
0.0000

164.5489,

166.8469, 155.6546

202.5953,
205.9364, 194.1938

■ 20.2543, 19.7758,
15.5816

■ 20.2543, 19.7758,
15.5816

■ 18.5942, 17.5076,
11.7848

■ 22.1380, 22.2944,
20.0591

■ 17.1470, 15.4790,
8.6336

■ 24.2521, 25.0683,
25.2474

■ 15.9037, 13.6825,
6.0918

■ 26.6052, 28.1056,
31.1765

■ 14.8537, 12.1090,
4.1186

■ 29.2048, 31.4133,
37.8742

■ 13.9854, 10.7487,
2.6688

■ 32.0581, 34.9982,
45.3667

■ 13.2857, 9.5912,
1.6897

■ 35.1721, 38.8666,
53.6793

■ 12.7312, 8.6212,
1.0764

■ 38.5535, 43.0248,
62.8358

■ 12.6300, 8.4442,
0.9642

■ 42.2086, 47.4788,
72.8592

■ 46.1436, 52.2345,
83.7718

Harmonies

Analogous

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



21.2826, 19.7758, 18.0562



20.2543, 19.7758, 15.5816



18.8750, 19.7758, 14.6718

Triad

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



20.2543, 19.7758, 15.5816



16.2167, 19.7758, 21.3082



20.1115, 19.7758, 29.1075

Complementary

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



20.2543, 19.7758, 15.5816



18.2704, 20.3044, 28.9428

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.



18.7178, 19.7758, 30.2547



20.2543, 19.7758, 15.5816



16.5116, 19.7758, 25.4285

Square

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



20.2543, 19.7758, 15.5816



16.5838, 19.7758, 17.7117



17.4100, 19.7758, 28.8332



21.1974, 19.7758, 25.8666

Rectangle

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



20.2543, 19.7758, 15.5816



17.9569, 19.7758, 14.9764



17.4100, 19.7758, 28.8332



19.6614, 19.7758, 29.7673

Sweetspot

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



20.2548, 19.7767, 15.5820



43.3528, 44.7906, 45.0177



20.0964, 17.1077, 22.7804



9.8155, 10.1070, 10.0101



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.



20.2548, 19.7767, 15.5820



34.2238, 32.6271, 23.1865



22.8167, 24.9004, 16.4360



5.5643, 5.7348, 5.7030



11.1862, 7.5042, 0.8589



0.1269, 0.1117, 0.0149

Inverse Universe

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



18.2704, 20.3044, 28.9428



30.0199, 33.7378, 51.4679



15.9495, 15.6626, 28.1692



5.3926, 5.7809, 6.8604



7.5898, 8.1655, 24.1532



0.0938, 0.1205, 0.2380

Previews

White Background



This preview shows how the XYZ color 20.2543, 19.7758, 15.5816 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 20.2543, 19.7758, 15.5816 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 20.2543, 19.7758, 15.5816

Background



This preview shows how black text looks on a background with the XYZ color 20.2543, 19.7758, 15.5816.



This preview shows how white text looks on a background with the XYZ color 20.2543, 19.7758,

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

20.2543, 19.7758, 15.5816

Protanopia

18.6860, 19.8530, 16.2117

Deuteranopia

20.0819, 19.6869, 15.5735



Tritanopia

21.4459, 19.7364, 21.7480

Trichromacy



Original Color

20.2543, 19.7758, 15.5816

Protanomaly

19.1676, 19.7426, 15.8972

Deuteranomaly

20.0819, 19.6869, 15.5735

Tritanomaly

20.8994, 19.6810, 19.2203

Monochromacy



Original Color

20.2543, 19.7758, 15.5816

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4720, 20.0053, 19.3581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2543, 19.7758, 15.5816 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, 118, 103)` looks like.

```
.text, #text, p{  
    color:rgb(143, 118, 103)  
}
```

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, 118, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 118, 103) }
```

Border

The CSS property to change the border of an element to XYZ 20.2543, 19.7758, 15.5816 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, 118, 103) }
```


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

```
.border{ border-color:rgb(143, 118, 103) }
```

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

Here you see how a box with a 4 pixel rgb(143, 118, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 118, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 118, 103);  
box-shadow:4px 4px 4px 4px rgb(143, 118,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2543, 19.7758, 15.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 118, 103) }
```

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

```
.background{ background-color: rgb(143,  
118, 103) }
```

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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