

Converting Colors

XYZ(20.6658, 18.3351, 15.4744)

Have a look what the booklet for
XYZ(20.6658, 18.3351, 15.4744)
contains.

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Color

**XYZ(20.6238, 18.3039,
15.5427)**

Conversions

Conversions Part 1

Format	Color
Hex	976C68
RGB	151, 108, 104
RGB Percent	59%, 42%, 41%
CMY	0.4078, 0.5765, 0.5922
CMYK	0.00, 0.28, 0.31, 0.41
HSL	5°, 18%, 50%
HSV	5°, 31%, 59%
XYZ	20.6238, 18.3039, 15.5427
YIQ	120.4010, 26.9120, 7.8720

Conversions

Conversions Part 2

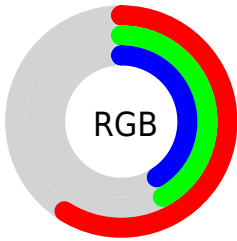
Format	Color
R_{YB}	151, 108, 104
Decimal	9923688
CIE _{Lab}	49.86, 16.56, 9.03
CIE _{LCh}	50, 18.867, 28.601
Yxy	18.3039, 0.3786, 0.3360
Android (android.graphics.Color)	4288113768 (0xFF976C68)
YUV	120.4010, -8.0857, 26.8353
Hunter-Lab	42.7831, 11.1765, 8.4086

Details

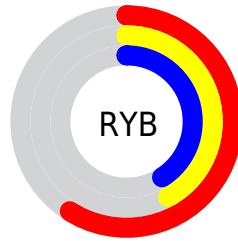
The XYZ color **20.6238, 18.3039, 15.5427** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7283, 26.0442, 33.1602**, and the grayscale version is **18.0006, 18.9380, 20.6235**.

A 20% lighter version of the original color is **43.9408, 40.6300, 36.5368**, and **7.5000, 6.1798, 4.6684** is the 20% darker color. If you saturate the color by 10%, you get **18.5812, 15.3382, 11.4106**, and if you desaturate by 10%, it is **23.0356, 21.7880, 20.4759**.

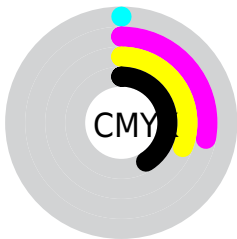
Distribution



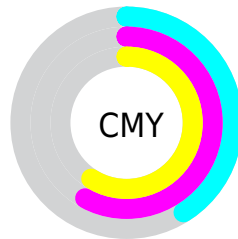
- Red (59%)
- Green (42%)
- Blue (41%)



- Red (59%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)
- Black (41%)



- Cyan (41%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6238, 18.3039, 15.5427 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 20.6238, 18.3039, 15.5427 by changing the saturation by 10% instead.

■ 20.6238, 18.3039,
15.5427

■ 20.6238, 18.3039,
15.5427

248.0421,
242.5784, 238.3808

■ 12.9602, 11.1684,
9.0503

■ 43.9566, 40.5545,
36.5581

■ 7.4779, 6.1802,
4.6767

■ 60.3565, 56.4384,
51.9183

■ 3.8117, 2.9550,
2.0035

■ 80.3992, 76.0071,
71.0714

■ 1.5962, 1.1083,
0.5574

■ 104.4500, 99.6452,
94.4360

■ 0.3899, 0.0000,
0.0000

132.8744,
127.7370, 122.4308

■ 0.0000, 0.0000,
0.0000

166.0376,

160.6668, 155.4741

204.3051,
198.8192, 193.9846

■ 20.6238, 18.3039,
15.5427

■ 20.6238, 18.3039,
15.5427

■ 18.5812, 15.3382,
11.4106

■ 23.0356, 21.7880,
20.4759

■ 16.8882, 12.8636,
8.0362

■ 25.8321, 25.8110,
26.2483

■ 15.5255, 10.8544,
5.3739

■ 29.0296, 30.3951,
32.8967

■ 14.4714, 9.2815,
3.3725

■ 32.6431, 35.5609,
40.4556

■ 13.7016, 8.1123,
1.9740

■ 36.6868, 41.3278,
48.9575

■ 13.1881, 7.3099,
1.1103

■ 41.1742, 47.7141,
58.4333

■ 12.9047, 6.8637,
0.6447

■ 46.1183, 54.7377,
68.9125

■ 51.5314, 62.4155,
80.4235

■ 57.4256, 70.7638,
92.9933

Harmonies

Analogous

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



21.1003, 18.3039, 20.1734



20.6238, 18.3039, 15.5427



19.2677, 18.3039, 12.5964

Triad

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



20.6238, 18.3039, 15.5427



14.6014, 18.3039, 15.1894



17.3127, 18.3039, 31.6015

Complementary

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



20.6238, 18.3039, 15.5427



21.7283, 26.0442, 33.1602

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.



15.6520, 18.3039, 29.6682



20.6238, 18.3039, 15.5427



14.1550, 18.3039, 19.6882

Square

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



20.6238, 18.3039, 15.5427



15.7892, 18.3039, 12.4186



14.5262, 18.3039, 25.0734



19.1111, 18.3039, 29.9856

Rectangle

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



20.6238, 18.3039, 15.5427



18.0919, 18.3039, 11.6919



14.5262, 18.3039, 25.0734



16.7207, 18.3039, 31.3397

Sweetspot

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



20.6243, 18.3048, 15.5431



47.3186, 47.7411, 49.1985



22.9860, 18.5894, 30.0149



10.5869, 10.6097, 10.8337



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.6243, 18.3048, 15.5431



34.4430, 29.1659, 22.7839



23.4338, 23.9238, 16.4796



6.2490, 6.3031, 6.4931



10.9882, 5.8588, 0.5517



0.1741, 0.1073, 0.0115

Inverse Universe

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



21.7283, 26.0442, 33.1602



36.7213, 45.1616, 59.2153



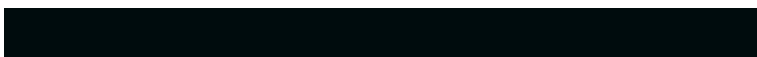
18.4506, 19.4887, 32.0676



6.3396, 6.9365, 7.9337



12.5111, 17.4189, 27.6105



0.1985, 0.2833, 0.4166

Previews

White Background



This preview shows how the XYZ color 20.6238, 18.3039, 15.5427 looks on a white background.

Color Contrast Check

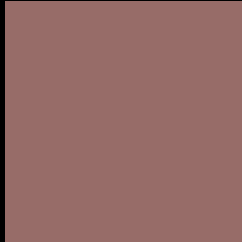
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6238, 18.3039, 15.5427 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 20.6238, 18.3039, 15.5427

Background



This preview shows how black text looks on a background with the XYZ color 20.6238, 18.3039, 15.5427.

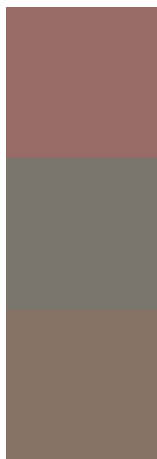


This preview shows how white text looks on a background with the XYZ color 20.6238, 18.3039,

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

20.6238, 18.3039, 15.5427

Protanopia

17.4071, 18.2719, 17.0774

Deuteranopia

18.6188, 18.2481, 15.3729



Tritanopia

21.1974, 18.2213, 18.6195

Trichromacy



Original Color

20.6238, 18.3039, 15.5427

Protanomaly

18.3440, 18.0827, 16.4334

Deuteranomaly

19.2269, 18.2303, 15.3374

Tritanomaly

21.0758, 18.3385, 17.4678

Monochromacy



Original Color

20.6238, 18.3039, 15.5427

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.6427, 18.5310, 18.5138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6238, 18.3039, 15.5427 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(151, 108, 104)` looks like.

```
.text, #text, p{  
    color:rgb(151, 108, 104)  
}
```

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(151, 108, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 108, 104) }
```

Border

The CSS property to change the border of an element to XYZ 20.6238, 18.3039, 15.5427 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(151, 108, 104) }
```


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

```
.border{ border-color:rgb(151, 108, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 108, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 108, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 108, 104);  
box-shadow:4px 4px 4px 4px rgb(151, 108,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6238, 18.3039, 15.5427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 108, 104) }
```

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

```
.background{ background-color: rgb(151,  
108, 104) }
```

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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