

Converting Colors

XYZ(20.2153, 17.4654, 15.3728)

Have a look what the booklet for
XYZ(20.2153, 17.4654, 15.3728)
contains.

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Color

**XYZ(20.2115, 17.4794,
15.4053)**

Conversions

Conversions Part 1

Format	Color
Hex	976868
RGB	151, 104, 104
RGB Percent	59%, 41%, 41%
CMY	0.4078, 0.5921, 0.5922
CMYK	0.00, 0.31, 0.31, 0.41
HSL	0°, 18%, 50%
HSV	0°, 31%, 59%
XYZ	20.2115, 17.4794, 15.4053
YIQ	118.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

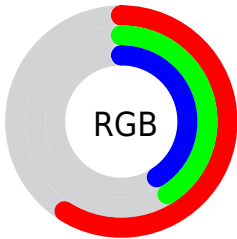
Format	Color
R_{YB}	151, 104, 104
Decimal	9922664
CIE _{Lab}	48.86, 18.88, 7.61
CIE _{LCh}	49, 20.353, 21.954
Yxy	17.4794, 0.3807, 0.3292
Android (android.graphics.Color)	4288112744 (0xFF976868)
YUV	118.0530, -6.9281, 28.8945
Hunter-Lab	41.8084, 13.1279, 7.4190

Details

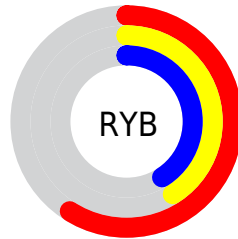
The XYZ color **20.2115, 17.4794, 15.4053** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.3611, 27.3098, 33.3710**, and the grayscale version is **17.2517, 18.1502, 19.7655**.

A 20% lighter version of the original color is **43.2585, 39.2653, 36.3093**, and **7.2983, 5.7764, 4.6012** is the 20% darker color. If you saturate the color by 10%, you get **18.1260, 14.4279, 11.2589**, and if you desaturate by 10%, it is **22.7074, 21.1318, 20.3666**.

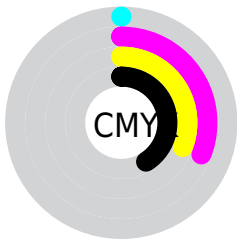
Distribution



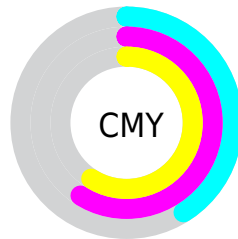
- Red (59%)
- Green (41%)
- Blue (41%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.2115, 17.4794, 15.4053 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 20.2115, 17.4794, 15.4053 by changing the saturation by 10% instead.


 20.2115, 17.4794,
15.4053


 20.2115, 17.4794,
15.4053


245.8696,
237.9201, 237.5311


 12.6580, 10.5769,
8.9546


 43.2727, 39.1482,
36.3150


 7.2689, 5.7831,
4.6151


 59.5112, 54.6833,
51.6109

 3.6786, 2.7136,
1.9685

 79.3754, 73.8647,
70.6924

 1.5220, 0.9841,
0.5358

 103.2307, 97.0768,
93.9779

 0.3407, 0.0000,
0.0000

131.4424,
124.7040, 121.8860

 0.0000, 0.0000,
0.0000

164.3759,

157.1306, 154.8352

202.3965,
194.7412, 193.2441

■ 20.2115, 17.4794,
15.4053

■ 20.2115, 17.4794,
15.4053

■ 18.1260, 14.4279,
11.2589

■ 22.7074, 21.1318,
20.3666

■ 16.4277, 11.9427,
7.8828

■ 25.6327, 25.4122,
26.1818

■ 15.0931, 9.9899,
5.2298


■ 29.0065, 30.3491,
32.8890


■ 14.0958, 8.5305,
3.2473


■ 32.8468, 35.9685,
40.5235


■ 13.4056, 7.5204,
1.8753


■ 37.1703, 42.2949,
49.1186


 12.9870, 6.9079,
1.0433

 41.9929, 49.3517,
58.7061

 12.7626, 6.5795,
0.5973

 47.3300, 57.1613,
69.3163

 53.1961, 65.7449,
80.9782

 59.6052, 75.1231,
93.7196

Harmonies

Analogous

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



20.4718, 17.4794, 20.5241



20.2115, 17.4794, 15.4053



18.9518, 17.4794, 11.9652

Triad

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



20.2115, 17.4794, 15.4053



13.9168, 17.4794, 13.3190



16.1109, 17.4794, 31.2877

Complementary

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



20.2115, 17.4794, 15.4053



22.3611, 27.3098, 33.3710

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.



14.4762, 17.4794, 28.4451



20.2115, 17.4794, 15.4053



13.2735, 17.4794, 17.6142

Square

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



20.2115, 17.4794, 15.4053



15.2936, 17.4794, 10.9291



13.4703, 17.4794, 23.1876



18.0075, 17.4794, 30.3892

Rectangle

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



20.2115, 17.4794, 15.4053



17.7633, 17.4794, 10.7625



13.4703, 17.4794, 23.1876



15.5147, 17.4794, 30.7215

Sweetspot

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



20.2120, 17.4802, 15.4056



47.0163, 47.1364, 49.0977



23.2989, 18.7145, 31.6625



10.5094, 10.4548, 10.8079



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.



20.2120, 17.4802, 15.4056



33.6460, 27.5720, 22.5182



22.9154, 22.8872, 16.3068



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



22.3611, 27.3098, 33.3710



38.0905, 47.9001, 59.6717



18.9491, 20.4858, 32.2337



6.3846, 7.0265, 7.9487



14.1654, 20.7274, 28.1619



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 20.2115, 17.4794, 15.4053 looks on a white background.

Color Contrast Check

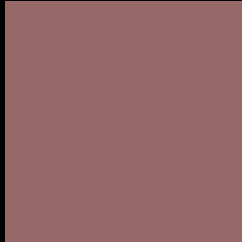
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2115, 17.4794, 15.4053 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 20.2115, 17.4794, 15.4053

Background



This preview shows how black text looks on a background with the XYZ color 20.2115, 17.4794, 15.4053.



This preview shows how white text looks on a background with the XYZ color 20.2115, 17.4794,

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

20.2115, 17.4794, 15.4053

Protanopia

16.8056, 17.6096, 17.2651

Deuteranopia

17.9152, 17.5542, 15.2760



Tritanopia

20.6684, 17.5236, 17.3320

Trichromacy



Original Color

20.2115, 17.4794, 15.4053

Protanomaly

17.8610, 17.4963, 16.6231

Deuteranomaly

18.7320, 17.4920, 15.2210

Tritanomaly

20.5059, 17.4586, 16.4764

Monochromacy



Original Color

20.2115, 17.4794, 15.4053

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.0917, 17.7483, 18.0950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2115, 17.4794, 15.4053 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, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(151, 104, 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, 104, 104) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 20.2115, 17.4794, 15.4053 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, 104, 104) }
```


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

```
.border{ border-color:rgb(151, 104, 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, 104, 104)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 20.2115, 17.4794, 15.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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