

Converting Colors

XYZ(20.4295, 17.2915, 15.5806)

Have a look what the booklet for
XYZ(20.4295, 17.2915, 15.5806)
contains.

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Color

**XYZ(20.4380, 17.2950,
15.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	996669
RGB	153, 102, 105
RGB Percent	60%, 40%, 41%
CMY	0.4000, 0.6000, 0.5882
CMYK	0.00, 0.33, 0.31, 0.40
HSL	356°, 20%, 50%
HSV	356°, 33%, 60%
XYZ	20.4380, 17.2950, 15.6257
YIQ	117.5910, 29.4330, 11.7450

Conversions

Conversions Part 2

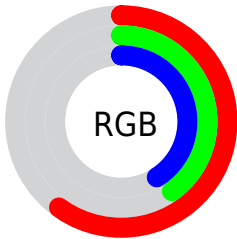
Format	Color
R_{YB}	153, 102, 105
Decimal	10053225
CIE _{Lab}	48.63, 20.97, 6.72
CIE _{LCh}	49, 22.025, 17.765
Yxy	17.2950, 0.3830, 0.3241
Android (android.graphics.Color)	4288243305 (0xFF996669)
YUV	117.5910, -6.2074, 31.0537
Hunter-Lab	41.5873, 14.9459, 6.8339

Details

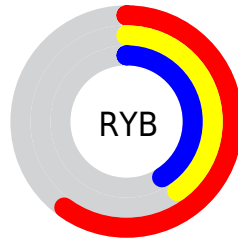
The XYZ color **20.4380, 17.2950, 15.6257** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.3765, 27.8095, 33.0439**, and the grayscale version is **17.1049, 17.9957, 19.5973**.

A 20% lighter version of the original color is **43.6865, 38.7381, 36.6272**, and **7.3384, 5.6531, 4.7074** is the 20% darker color. If you saturate the color by 10%, you get **18.3922, 14.2893, 11.5960**, and if you desaturate by 10%, it is **22.8876, 20.9075, 20.4088**.

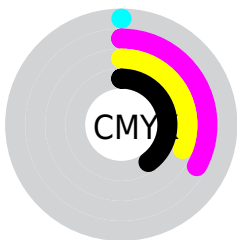
Distribution



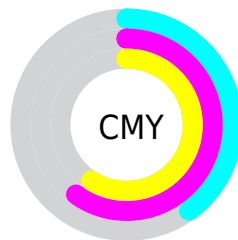
- Red (60%)
- Green (40%)
- Blue (41%)



- Red (60%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4380, 17.2950, 15.6257 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 20.4380, 17.2950, 15.6257 by changing the saturation by 10% instead.

■ 20.4380, 17.2950,
15.6257

■ 20.4380, 17.2950,
15.6257

247.0651,
236.8667, 238.8926

■ 12.8239, 10.4450,
9.1082

■ 43.6487, 38.8323,
36.7049

■ 7.3836, 5.6950,
4.7141

■ 59.9760, 54.2884,
52.1036

■ 3.7516, 2.6605,
2.0247

■ 79.9385, 73.3820,
71.2999

■ 1.5626, 0.9572,
0.5704

■ 103.9014, 96.4976,
94.7122

■ 0.3678, 0.0000,
0.0000

132.2302,
124.0194, 122.7591

■ 0.0000, 0.0000,
0.0000

165.2902,

156.3320, 155.8591

203.4467,
193.8196, 194.4308

■ 20.4380, 17.2950,
15.6257

■ 20.4380, 17.2950,
15.6257

■ 18.3922, 14.2893,
11.5960

■ 22.8876, 20.9075,
20.4088

■ 16.7273, 11.8550,
8.2804

■ 25.7596, 25.1549,
25.9799

■ 15.4200, 9.9564,
5.6375


■ 29.0732, 30.0667,
32.3727


■ 14.4441, 8.5531,
3.6211


■ 32.8458, 35.6695,
39.6187

■ 13.7698, 7.5991,
2.1796

■ 37.0941, 41.9887,
47.7475


 13.3617, 7.0394,
1.2526

 41.8338, 49.0483,
56.7875

 13.1861, 6.7920,
0.8742

 47.0801, 56.8712,
66.7659

 52.8471, 65.4795,
77.7085

 59.1489, 74.8940,
89.6403

Harmonies

Analogous

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



20.5508, 17.2950, 21.2983



20.4380, 17.2950, 15.6257



19.2009, 17.2950, 11.7147

Triad

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



20.4380, 17.2950, 15.6257



13.7173, 17.2950, 12.2786



15.6259, 17.2950, 31.9877

Complementary

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



20.4380, 17.2950, 15.6257



22.3765, 27.8095, 33.0439

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.



13.9544, 17.2950, 28.3676



20.4380, 17.2950, 15.6257



12.9148, 17.2950, 16.5626

Square

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



20.4380, 17.2950, 15.6257



15.2772, 17.2950, 10.0735



12.9979, 17.2950, 22.4479



17.6569, 17.2950, 31.5924

Rectangle

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



20.4380, 17.2950, 15.6257



17.9584, 17.2950, 10.2711



12.9979, 17.2950, 22.4479



15.0067, 17.2950, 31.1736

Sweetspot

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



20.4385, 17.2958, 15.6260



47.9052, 47.6752, 49.9529



23.0057, 18.2497, 32.4469



10.4155, 10.2865, 10.7163



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.



20.4385, 17.2958, 15.6260



33.8031, 26.8588, 22.4764



22.7558, 22.1726, 15.6519



6.2228, 6.2283, 6.5533



10.9025, 5.6153, 0.7459



0.1664, 0.0853, 0.0292

Inverse Universe

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



20.4385, 17.2958, 15.6260



33.8031, 26.8588, 22.4764



19.3328, 21.3312, 33.2352



6.2228, 6.2283, 6.5533



10.9025, 5.6153, 0.7459



0.1664, 0.0853, 0.0292

Previews

White Background



This preview shows how the XYZ color 20.4380, 17.2950, 15.6257 looks on a white background.

Color Contrast Check

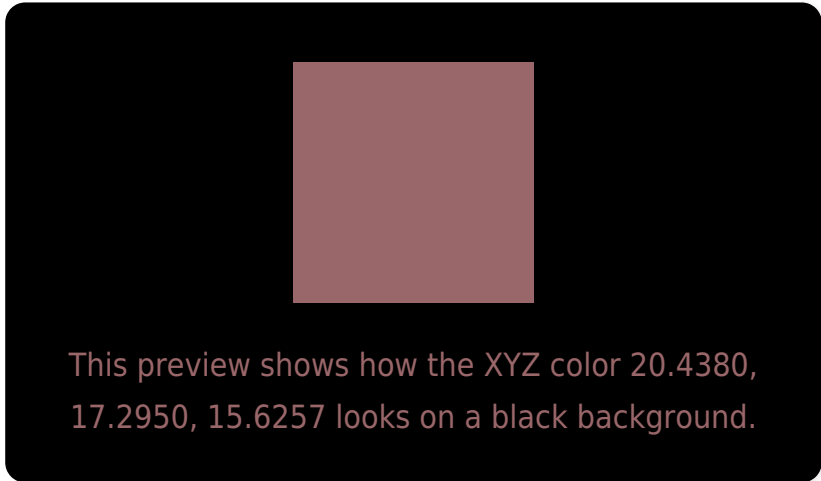
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.4380, 17.2950, 15.6257

Background



This preview shows how black text looks on a background with the XYZ color 20.4380, 17.2950, 15.6257.



This preview shows how white text looks on a background with the XYZ color 20.4380, 17.2950,

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

20.4380, 17.2950, 15.6257

Protanopia

16.6631, 17.3533, 17.8005

Deuteranopia

17.7581, 17.4731, 15.2687



Tritanopia

20.5509, 17.1838, 16.7017

Trichromacy



Original Color

20.4380, 17.2950, 15.6257

Protanomaly

17.6963, 17.0813, 16.8323

Deuteranomaly

18.6765, 17.3000, 15.4516

Tritanomaly

20.4973, 17.1624, 16.4197

Monochromacy



Original Color

20.4380, 17.2950, 15.6257

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.1349, 17.6059, 18.0652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4380, 17.2950, 15.6257 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(153, 102, 105)` looks like.

```
.text, #text, p{  
    color:rgb(153, 102, 105)  
}
```

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(153, 102, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 102, 105) }
```

Border

The CSS property to change the border of an element to XYZ 20.4380, 17.2950, 15.6257 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(153, 102, 105) }
```


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

```
.border{ border-color:rgb(153, 102, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 102, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 102, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 102, 105);  
box-shadow:4px 4px 4px 4px rgb(153, 102,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4380, 17.2950, 15.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 102, 105) }
```

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

```
.background{ background-color: rgb(153,  
102, 105) }
```

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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