

Converting Colors

XYZ(20.3347, 16.0998, 16.7877)

Have a look what the booklet for
XYZ(20.3347, 16.0998, 16.7877)
contains.

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Color

**XYZ(20.3347, 16.0998,
16.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5E6E
RGB	155, 94, 110
RGB Percent	61%, 37%, 43%
CMY	0.3922, 0.6314, 0.5686
CMYK	0.00, 0.39, 0.29, 0.39
HSL	344°, 24%, 49%
HSV	344°, 39%, 61%
XYZ	20.3347, 16.0998, 16.7877
YIQ	114.0630, 31.2200, 17.9080

Conversions

Conversions Part 2

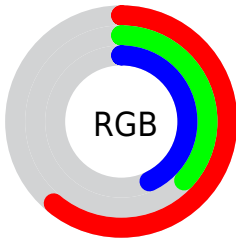
Format	Color
R_{YB}	155, 94, 110
Decimal	10182254
CIE _{Lab}	47.11, 27.04, 1.56
CIE _{LCh}	47, 27.085, 3.297
Yxy	16.0998, 0.3821, 0.3025
Android (android.graphics.Color)	4288372334 (0xFF9B5E6E)
YUV	114.0630, -2.0031, 35.9017
Hunter-Lab	40.1246, 20.2439, 3.2809

Details

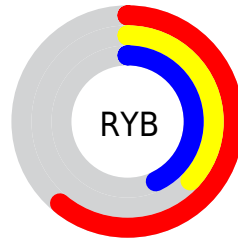
The XYZ color **20.3347, 16.0998, 16.7877** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9983, 27.6867, 28.6648**, and the grayscale version is **16.0128, 16.8467, 18.3461**.

A 20% lighter version of the original color is **43.4224, 36.6729, 38.5082**, and **7.3537, 5.1377, 5.3067** is the 20% darker color. If you saturate the color by 10%, you get **18.5093, 13.3819, 13.3032**, and if you desaturate by 10%, it is **22.5181, 19.4050, 20.7883**.

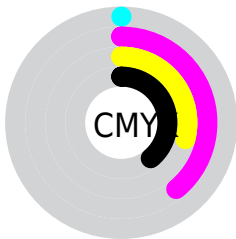
Distribution



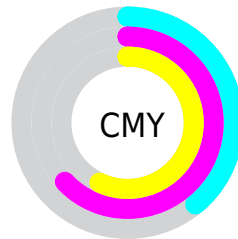
- Red (61%)
- Green (37%)
- Blue (43%)



- Red (61%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (39%)
- Yellow (29%)
- Black (39%)





- Cyan (39%)
- Magenta (63%)
- Yellow (57%)
- Black (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.3347, 16.0998, 16.7877 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 20.3347, 16.0998, 16.7877 by changing the saturation by 10% instead.


 20.3347, 16.0998,
16.7877


 20.3347, 16.0998,
16.7877


246.5205,
229.9299, 245.9484


 12.7482, 9.5948,
9.9229


 43.4773, 36.7714,
38.7460


 7.3312, 5.1311,
5.2429


 59.7642, 51.7067,
54.6766

 3.7183, 2.3244,
2.3293

 79.6819, 70.2210,
74.4662

 1.5440, 0.7866,
0.7475

 103.5958, 92.6986,
98.5334

 0.3555, 0.0000,
0.0000

131.8712,
119.5239, 127.2967

 0.0000, 0.0000,
0.0000

164.8736,

151.0813, 161.1745

202.9682,
187.7551, 200.5856

■ 20.3347, 16.0998,
16.7877

■ 20.3347, 16.0998,
16.7877

■ 18.5093, 13.3819,
13.3032

■ 22.5181, 19.4050,
20.7883

■ 17.0209, 11.2143,
10.3123

■ 25.0764, 23.3268,
25.3244

■ 15.8483, 9.5597,
7.7920


■ 28.0270, 27.8955,
30.4155


■ 14.9670, 8.3750,
5.7171


■ 31.3856, 33.1385,
36.0798


■ 14.3490, 7.6097,
4.0597

■ 35.1673, 39.0819,
42.3347


 13.9355, 7.1532,
2.7799

 39.3862, 45.7500,
49.1967

 13.9117, 7.1262,
2.7081

 44.0559, 53.1664,
56.6818

 49.1894, 61.3534,
64.8055

 54.7990, 70.3322,
73.5824

Harmonies

Analogous

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



19.7601, 16.0998, 24.0954



20.3347, 16.0998, 16.7877



19.4499, 16.0998, 11.2804

Triad

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



20.3347, 16.0998, 16.7877



12.9276, 16.0998, 8.7065



13.3388, 16.0998, 32.0190

Complementary

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



20.3347, 16.0998, 16.7877



20.9983, 27.6867, 28.6648

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.



11.7908, 16.0998, 25.7439



20.3347, 16.0998, 16.7877



11.5712, 16.0998, 12.2806

Square

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



20.3347, 16.0998, 16.7877



15.0410, 16.0998, 7.4392



11.1774, 16.0998, 18.2938



15.5668, 16.0998, 34.1171

Rectangle

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



20.3347, 16.0998, 16.7877



18.2002, 16.0998, 8.9893



11.1774, 16.0998, 18.2938



12.7297, 16.0998, 30.2603

Sweetspot

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



20.3351, 16.1006, 16.7880



48.5968, 47.4780, 51.7393



20.5226, 15.8389, 32.9858



10.8547, 10.5217, 11.4618



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.3351, 16.1006, 16.7880



33.5796, 24.6021, 24.6650



20.9257, 18.5519, 13.0687



6.2720, 6.2480, 6.8125



11.1879, 5.7294, 2.2485



0.1806, 0.0910, 0.1041

Inverse Universe

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



20.3351, 16.1006, 16.7880



33.5796, 24.6021, 24.6650



20.0236, 23.7277, 34.5348



6.2720, 6.2480, 6.8125



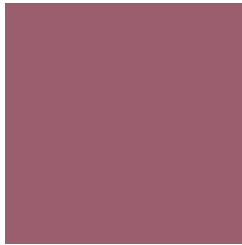
11.1879, 5.7294, 2.2485



0.1806, 0.0910, 0.1041

Previews

White Background



This preview shows how the XYZ color 20.3347, 16.0998, 16.7877 looks on a white background.

Color Contrast Check

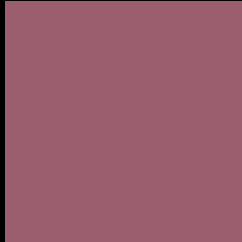
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3347, 16.0998, 16.7877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

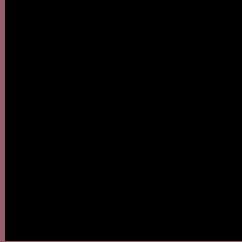
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.3347, 16.0998, 16.7877

Background



This preview shows how black text looks on a background with the XYZ color 20.3347, 16.0998, 16.7877.



This preview shows how white text looks on a background with the XYZ color 20.3347, 16.0998,

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

20.3347, 16.0998, 16.7877

Protanopia

15.7567, 16.1697, 20.0599

Deuteranopia

16.4739, 16.1466, 16.1583



Tritanopia

19.8169, 16.0138, 14.6169

Trichromacy



Original Color

20.3347, 16.0998, 16.7877

Protanomaly

17.1060, 15.9533, 18.7007

Deuteranomaly

17.7104, 16.0174, 16.3456

Tritanomaly

19.9684, 16.0744, 15.4148

Monochromacy



Original Color

20.3347, 16.0998, 16.7877

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.2916, 16.3748, 17.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3347, 16.0998, 16.7877 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(155, 94, 110)` looks like.

```
.text, #text, p{  
    color:rgb(155, 94, 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(155, 94, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 94, 110) }
```

Border

The CSS property to change the border of an element to XYZ 20.3347, 16.0998, 16.7877 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(155, 94, 110) }
```


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

```
.border{ border-color:rgb(155, 94, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 94, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 94, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 94, 110);  
box-shadow:4px 4px 4px 4px rgb(155, 94,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3347, 16.0998, 16.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 94, 110) }
```

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

```
.background{ background-color: rgb(155, 94,  
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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