

Converting Colors

XYZ(20.2174, 19.2760, 17.9768)

Have a look what the booklet for
XYZ(20.2174, 19.2760, 17.9768)
contains.

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Color

**XYZ(20.3254, 19.4114,
18.0047)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7470
RGB	142, 116, 112
RGB Percent	56%, 45%, 44%
CMY	0.4431, 0.5451, 0.5608
CMYK	0.00, 0.18, 0.21, 0.44
HSL	8°, 12%, 50%
HSV	8°, 21%, 56%
XYZ	20.3254, 19.4114, 18.0047
YIQ	123.3180, 16.7800, 4.2680

Conversions

Conversions Part 2

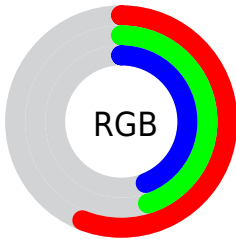
Format	Color
R_{YB}	142, 117, 112
Decimal	9335920
CIE Lab	51.17, 9.49, 6.03
CIE LCh	51, 11.246, 32.404
Yxy	19.4114, 0.3520, 0.3362
Android (android.graphics.Color)	4287526000 (0xFF8E7470)
YUV	123.3180, -5.5798, 16.3841
Hunter-Lab	44.0584, 5.2451, 6.6117

Details

The XYZ color **20.3254, 19.4114, 18.0047** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6530, 23.5743, 29.0533**, and the grayscale version is **18.9462, 19.9329, 21.7069**.

A 20% lighter version of the original color is **43.4684, 42.4214, 41.0191**, and **7.3069, 6.7286, 5.7641** is the 20% darker color. If you saturate the color by 10%, you get **18.2706, 16.4688, 13.7218**, and if you desaturate by 10%, it is **22.6939, 22.7815, 23.0078**.

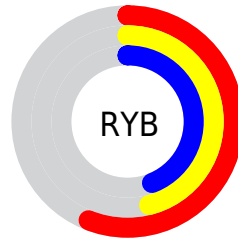
Distribution



Red (56%)

Green (45%)

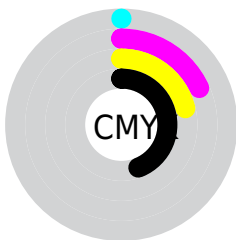
Blue (44%)



Red (56%)

Yellow (46%)

Blue (44%)

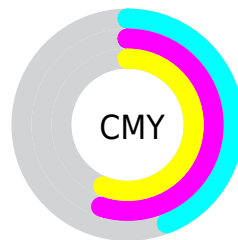


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3254, 19.4114, 18.0047 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 20.3254, 19.4114, 18.0047 by changing the saturation by 10% instead.

■ 20.3254, 19.4114,
18.0047

■ 20.3254, 19.4114,
18.0047

246.4714,
248.7106, 253.1345

■ 12.7414, 11.9679,
10.7839

■ 43.4619, 42.4281,
40.8594

■ 7.3265, 6.7218,
5.8094

■ 59.7451, 58.7702,
57.3303

■ 3.7153, 3.2888,
2.6626

■ 79.6587, 78.8472,
77.7217

■ 1.5423, 1.2843,
0.9245

■ 103.5682,
103.0435, 102.4521

■ 0.3544, 0.1290,
0.0000

131.8389,
131.7437, 131.9401

■ 0.0000, 0.0000,
0.0000

164.8361,

165.3320, 166.6041

202.9251,
204.1928, 206.8627

■ 20.3254, 19.4114,
18.0047

■ 20.3254, 19.4114,
18.0047

■ 18.2706, 16.4688,
13.7218

■ 22.6939, 22.7815,
23.0078

■ 16.5148, 13.9341,
10.1248

■ 25.3868, 26.5924,
28.7610

■ 15.0444, 11.7900,
7.1784

■ 28.4165, 30.8603,
35.2939

■ 13.8441, 10.0170,
4.8435

■ 31.7941, 35.5996,
42.6340

■ 12.8971, 8.5938,
3.0769

■ 35.5301, 40.8243,
50.8076

■ 12.1850, 7.4971,
1.8297

■ 39.6347, 46.5474,
59.8399

■ 11.6864, 6.7006,
1.0448

■ 44.1176, 52.7819,
69.7548

■ 11.3874, 6.2148,
0.5994

■ 48.9883, 59.5400,
80.5755

■ 54.2558, 66.8335,
92.3242

Harmonies

Analogous

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



20.6826, 19.4114, 20.8785



20.3254, 19.4114, 18.0047



19.4640, 19.4114, 16.1348

Triad

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



20.3254, 19.4114, 18.0047



16.6093, 19.4114, 18.4097



18.5403, 19.4114, 27.9041

Complementary

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



20.3254, 19.4114, 18.0047



20.6530, 23.5743, 29.0533

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.



17.4718, 19.4114, 27.0759



20.3254, 19.4114, 18.0047



16.3841, 19.4114, 21.3951

Square

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



20.3254, 19.4114, 18.0047



17.3216, 19.4114, 16.3515



16.6936, 19.4114, 24.6102



19.6263, 19.4114, 26.7724

Rectangle

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



20.3254, 19.4114, 18.0047



18.7356, 19.4114, 15.6008



16.6936, 19.4114, 24.6102



18.1672, 19.4114, 27.8456

Sweetspot

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



20.3259, 19.4123, 18.0051



42.3205, 43.4349, 45.4777



21.5372, 19.1744, 26.6110



9.3946, 9.6194, 10.0340



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.3259, 19.4123, 18.0051



34.1838, 31.8605, 28.2791



22.1966, 23.1536, 18.6286



5.4633, 5.5330, 5.6694



10.2326, 5.5970, 0.5410



0.1068, 0.0715, 0.0082

Inverse Universe

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



20.6530, 23.5743, 29.0533



34.8578, 40.4543, 51.0991



18.6478, 19.5639, 28.3849



5.4998, 5.9953, 6.8961



10.7588, 14.5037, 25.2095



0.1139, 0.1607, 0.2447

Previews

White Background



This preview shows how the XYZ color 20.3254, 19.4114, 18.0047 looks on a white background.

Color Contrast Check

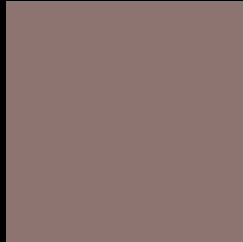
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3254, 19.4114, 18.0047 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 20.3254, 19.4114, 18.0047

Background



This preview shows how black text looks on a background with the XYZ color 20.3254, 19.4114, 18.0047.



This preview shows how white text looks on a background with the XYZ color 20.3254, 19.4114,

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

20.3254, 19.4114, 18.0047

Protanopia

18.6582, 19.5925, 19.0180

Deuteranopia

19.8843, 19.5300, 18.0509



Tritanopia

20.9202, 19.3043, 21.3624

Trichromacy



Original Color

20.3254, 19.4114, 18.0047

Protanomaly

19.2695, 19.5534, 18.6782

Deuteranomaly

19.9334, 19.3814, 18.0196

Tritanomaly

20.7882, 19.4330, 20.1081

Monochromacy



Original Color

20.3254, 19.4114, 18.0047

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.2522, 19.5107, 20.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3254, 19.4114, 18.0047 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(142, 116, 112)` looks like.

```
.text, #text, p{  
    color:rgb(142, 116, 112)  
}
```

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(142, 116, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 116, 112) }
```

Border

The CSS property to change the border of an element to XYZ 20.3254, 19.4114, 18.0047 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(142, 116, 112) }
```


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

```
.border{ border-color:rgb(142, 116, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 116, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 116, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 116, 112);  
box-shadow:4px 4px 4px 4px rgb(142, 116,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3254, 19.4114, 18.0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 116, 112) }
```

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

```
.background{ background-color: rgb(142,  
116, 112) }
```

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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