

Converting Colors

XYZ(20.7515, 20.1491, 17.2806)

Have a look what the booklet for
XYZ(20.7515, 20.1491, 17.2806)
contains.

XYZ(20.6848, 20.1374, 17.2647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.6848, 20.1374,
17.2647)**

Conversions

Conversions Part 1

Format	Color
Hex	8F776D
RGB	143, 119, 109
RGB Percent	56%, 47%, 43%
CMY	0.4392, 0.5333, 0.5725
CMYK	0.00, 0.17, 0.24, 0.44
HSL	18°, 13%, 49%
HSV	18°, 24%, 56%
XYZ	20.6848, 20.1374, 17.2647
YIQ	125.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

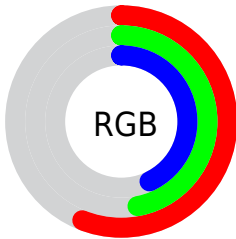
Format	Color
R_{YB}	143, 123, 109
Decimal	9402221
CIE Lab	51.99, 7.68, 8.98
CIE LCh	52, 11.815, 49.448
Yxy	20.1374, 0.3561, 0.3467
Android (android.graphics.Color)	4287592301 (0xFF8F776D)
YUV	125.0360, -7.9057, 15.7544
Hunter-Lab	44.8747, 3.7480, 8.6016

Details

The XYZ color **20.6848, 20.1374, 17.2647** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6519, 22.0088, 29.1990**, and the grayscale version is **19.5272, 20.5441, 22.3725**.

A 20% lighter version of the original color is **43.9340, 43.5342, 39.3451**, and **7.5364, 7.1296, 5.5364** is the 20% darker color. If you saturate the color by 10%, you get **18.8388, 17.5787, 13.1555**, and if you desaturate by 10%, it is **22.7847, 23.0032, 22.0770**.

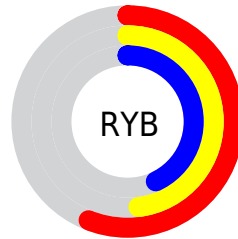
Distribution



Red (56%)

Green (47%)

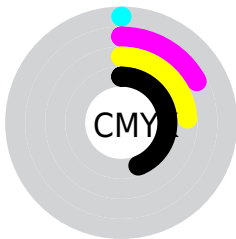
Blue (43%)



Red (56%)

Yellow (48%)

Blue (43%)

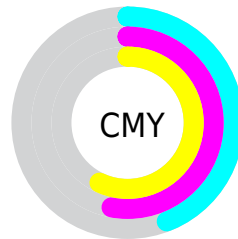


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6848, 20.1374, 17.2647 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 20.6848, 20.1374, 17.2647 by changing the saturation by 10% instead.

■ 20.6848, 20.1374,
17.2647

■ 20.6848, 20.1374,
17.2647

248.3621,
252.6580, 248.7886

■ 13.0049, 12.4950,
10.2594

■ 44.0576, 43.6474,
39.5772

■ 7.5090, 7.0817,
5.4635

■ 60.4813, 60.2838,
55.7215

■ 3.8315, 3.5133,
2.4582

■ 80.5502, 80.6869,
75.7493

■ 1.6073, 1.4052,
0.8179

■ 104.6299,
105.2412, 100.0790

■ 0.3971, 0.2205,
0.0000

133.0855,
134.3311, 129.1293

■ 0.0000, 0.0000,
0.0000

166.2825,

168.3409, 163.3186

204.5863,
207.6551, 203.0655

■ 20.6848, 20.1374,
17.2647

■ 20.6848, 20.1374,
17.2647

■ 18.8388, 17.5787,
13.1555

■ 22.7847, 23.0032,
22.0770

■ 17.2351, 15.3140,
9.7148

■ 25.1464, 26.1832,
27.6221

■ 15.8636, 13.3333,
6.9073

■ 27.7793, 29.6877,
33.9294

■ 14.7126, 11.6248,
4.6937

■ 30.6919, 33.5257,
41.0266

■ 13.7694, 10.1762,
3.0303

■ 33.8923, 37.7058,
48.9397

■ 13.0200, 8.9736,
1.8671

■ 37.3883, 42.2363,
57.6937

■ 12.4479, 8.0021,
1.1441

■ 41.1874, 47.1252,
67.3125

■ 12.1582, 7.5006,
0.8070

■ 45.2968, 52.3803,
77.8189

■ 49.7234, 58.0092,
89.2350

Harmonies

Analogous

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



21.4069, 20.1374, 19.7920



20.6848, 20.1374, 17.2647



19.5670, 20.1374, 16.0330

Triad

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



20.6848, 20.1374, 17.2647



16.9532, 20.1374, 20.7344



19.9212, 20.1374, 28.7907

Complementary

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



20.6848, 20.1374, 17.2647



19.6519, 22.0088, 29.1990

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.



18.7192, 20.1374, 29.1110



20.6848, 20.1374, 17.2647



17.0391, 20.1374, 24.2085

Square

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



20.6848, 20.1374, 17.2647



17.4344, 20.1374, 17.8922



17.6741, 20.1374, 27.3593



20.9534, 20.1374, 26.5251

Rectangle

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



20.6848, 20.1374, 17.2647



18.7625, 20.1374, 16.0150



17.6741, 20.1374, 27.3593



19.5225, 20.1374, 29.1378

Sweetspot

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



20.6853, 20.1383, 17.2651



43.5534, 44.9054, 45.9679



21.0555, 18.4807, 24.7809



9.9386, 10.2316, 10.4256



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.6853, 20.1383, 17.2651



35.0600, 33.3235, 26.4738



22.8407, 24.4491, 17.9836



5.5302, 5.6666, 5.6917



10.7666, 6.6649, 0.7190



0.1202, 0.0982, 0.0126

Inverse Universe

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



19.6519, 22.0088, 29.1990



32.8456, 37.3205, 52.0104



17.5526, 17.8101, 28.4992



5.4281, 5.8520, 6.8722



8.5110, 10.0080, 24.4602



0.1005, 0.1340, 0.2402

Previews

White Background



This preview shows how the XYZ color 20.6848, 20.1374, 17.2647 looks on a white background.

Color Contrast Check

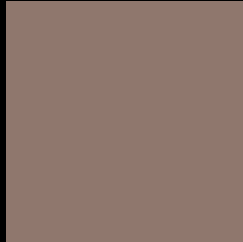
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6848, 20.1374, 17.2647 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 20.6848, 20.1374, 17.2647

Background



This preview shows how black text looks on a background with the XYZ color 20.6848, 20.1374, 17.2647.



This preview shows how white text looks on a background with the XYZ color 20.6848, 20.1374,

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

20.6848, 20.1374, 17.2647

Protanopia

19.1302, 20.2301, 17.9355

Deuteranopia

20.6321, 20.2879, 17.2965



Tritanopia

21.8042, 20.2487, 22.4978

Trichromacy



Original Color

20.6848, 20.1374, 17.2647

Protanomaly

19.6055, 20.1132, 17.6008

Deuteranomaly

20.6321, 20.2879, 17.2965

Tritanomaly

21.3702, 20.2422, 20.5501

Monochromacy



Original Color

20.6848, 20.1374, 17.2647

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.9285, 20.4034, 20.3407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6848, 20.1374, 17.2647 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(143, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(143, 119, 109)  
}
```

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(143, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 119, 109) }
```

Border

The CSS property to change the border of an element to XYZ 20.6848, 20.1374, 17.2647 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(143, 119, 109) }
```


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

```
.border{ border-color:rgb(143, 119, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(143, 119,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6848, 20.1374, 17.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 119, 109) }
```

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

```
.background{ background-color: rgb(143,  
119, 109) }
```

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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