

Converting Colors

XYZ(19.2776, 19.1580, 12.8070)

Have a look what the booklet for
XYZ(19.2776, 19.1580, 12.8070)
contains.

XYZ(19.2776, 19.1580, 12.8070)	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(19.2776, 19.1580,
12.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	8D755C
RGB	141, 117, 92
RGB Percent	55%, 46%, 36%
CMY	0.4471, 0.5412, 0.6392
CMYK	0.00, 0.17, 0.35, 0.45
HSL	31°, 21%, 46%
HSV	31°, 35%, 55%
XYZ	19.2776, 19.1580, 12.8070
YIQ	121.3260, 22.3290, -2.6870

Conversions

Conversions Part 2

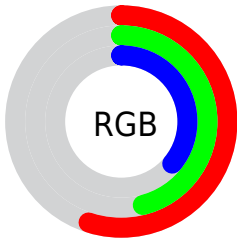
Format	Color
RYB	139, 141, 92
Decimal	9270620
CIELab	50.87, 5.53, 17.30
CIElCh	51, 18.166, 72.273
Yxy	19.1580, 0.3762, 0.3739
Android (android.graphics.Color)	4287460700 (0xFF8D755C)
YUV	121.3260, -14.4577, 17.2541
Hunter-Lab	43.7699, 2.0197, 13.2907

Details

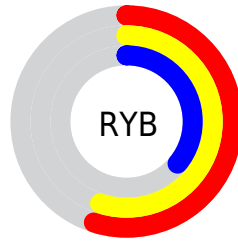
The XYZ color **19.2776, 19.1580, 12.8070** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.4666, 16.6887, 27.6055**, and the grayscale version is **18.3202, 19.2743, 20.9897**.

A 20% lighter version of the original color is **41.5761, 41.9310, 31.4934**, and **6.8377, 6.6272, 3.5036** is the 20% darker color. If you saturate the color by 10%, you get **17.9427, 17.3845, 9.5990**, and if you desaturate by 10%, it is **20.7876, 21.0979, 16.6399**.

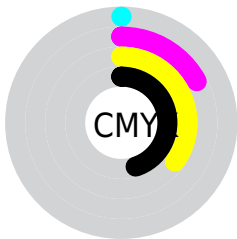
Distribution



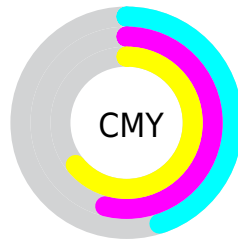
- Red (55%)
- Green (46%)
- Blue (36%)



- Red (55%)
- Yellow (55%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2776, 19.1580, 12.8070 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 19.2776, 19.1580, 12.8070 by changing the saturation by 10% instead.

■ 19.2776, 19.1580,
12.8070

■ 19.2776, 19.1580,
12.8070

240.8858,
247.3196, 220.8412

■ 11.9762, 11.7845,
7.1666

■ 41.7159, 42.0009,
31.6427

■ 6.7996, 6.5971,
3.4865

■ 57.5836, 58.2391,
45.6751

■ 3.3823, 3.2114,
1.3481

■ 77.0373, 78.2010,
63.3419

■ 1.3590, 1.2431,
0.1007

■ 100.4426,
102.2710, 85.0617

■ 0.2267, 0.0965,
0.0000

128.1648,
130.8334, 111.2530

■ 0.0000, 0.0000,
0.0000

160.5691,

164.2728, 142.3343

198.0210,
202.9734, 178.7242

■ 19.2776, 19.1580,
12.8070

■ 19.2776, 19.1580,
12.8070

■ 17.9427, 17.3845,
9.5990

■ 20.7876, 21.0979,
16.6399

■ 16.7738, 15.7696,
6.9806

■ 22.4783, 23.2064,
21.1279

■ 15.7630, 14.3088,
4.9149

■ 24.3570, 25.4890,
26.3006

■ 14.9012, 12.9963,
3.3604

■ 26.4298, 27.9499,
32.1856

■ 14.1780, 11.8256,
2.2693

■ 28.7029, 30.5935,
38.8088

■ 13.5802, 10.7890,
1.5793

■ 31.1820, 33.4237,
46.1948

■ 13.2985, 10.2907,
1.2854

■ 33.8724, 36.4446,
54.3672

■ 36.7794, 39.6597,
63.3485

■ 39.9082, 43.0729,
73.1602

Harmonies

Analogous

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



20.8772, 19.1580, 14.9054



19.2776, 19.1580, 12.8070



17.4870, 19.1580, 12.6324

Triad

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



19.2776, 19.1580, 12.8070



15.0479, 19.1580, 23.0268



20.6245, 19.1580, 29.0392

Complementary

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



19.2776, 19.1580, 12.8070



15.4666, 16.6887, 27.6055

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.



18.9508, 19.1580, 32.0538



19.2776, 19.1580, 12.8070



15.7786, 19.1580, 28.2201

Square

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



19.2776, 19.1580, 12.8070



15.1227, 19.1580, 17.9994



17.1808, 19.1580, 31.7316



21.6893, 19.1580, 24.0082

Rectangle

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



19.2776, 19.1580, 12.8070



16.4320, 19.1580, 13.5844



17.1808, 19.1580, 31.7316



20.1100, 19.1580, 30.3564

Sweetspot

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



19.2781, 19.1589, 12.8074



41.7387, 43.3741, 41.8841



17.9934, 14.5898, 18.5439



9.2310, 9.5763, 9.1041



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.



19.2781, 19.1589, 12.8074



32.5520, 31.6989, 18.1719



22.4413, 25.4854, 13.8618



5.6221, 5.8505, 5.7223



12.1416, 9.4149, 1.1773



0.1381, 0.1341, 0.0186

Inverse Universe

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



15.4666, 16.6887, 27.6055



24.6234, 26.5612, 48.9569



13.0487, 11.8529, 26.7996



5.3340, 5.6637, 6.8408



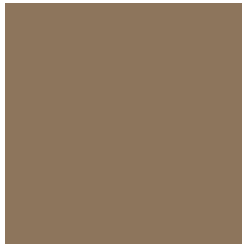
6.3430, 5.6719, 23.7376



0.0826, 0.0981, 0.2343

Previews

White Background



This preview shows how the XYZ color 19.2776, 19.1580, 12.8070 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 19.2776, 19.1580, 12.8070 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 19.2776, 19.1580, 12.8070

Background



This preview shows how black text looks on a background with the XYZ color 19.2776, 19.1580, 12.8070.



This preview shows how white text looks on a background with the XYZ color 19.2776, 19.1580,

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

19.2776, 19.1580, 12.8070

Protanopia

17.9110, 19.1500, 13.3420

Deuteranopia

19.5049, 19.1031, 12.7845



Tritanopia

20.9196, 19.1447, 21.0051

Trichromacy



Original Color

19.2776, 19.1580, 12.8070

Protanomaly

18.3651, 19.2098, 13.0958

Deuteranomaly

19.3325, 19.0143, 12.7764

Tritanomaly

20.2142, 19.0220, 17.6451

Monochromacy



Original Color

19.2776, 19.1580, 12.8070

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4330, 19.1479, 17.4762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2776, 19.1580, 12.8070 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(141, 117, 92)` looks like.

```
.text, #text, p{  
    color:rgb(141, 117, 92)  
}
```

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(141, 117, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 117, 92) }
```

Border

The CSS property to change the border of an element to XYZ 19.2776, 19.1580, 12.8070 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(141, 117, 92) }
```


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

```
.border{ border-color:rgb(141, 117, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 117, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 117, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 117, 92);  
box-shadow:4px 4px 4px 4px rgb(141, 117,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2776, 19.1580, 12.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 117, 92) }
```

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

```
.background{ background-color: rgb(141,  
117, 92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor