

Converting Colors

XYZ(19.4694, 20.8291, 14.0554)

Have a look what the booklet for
XYZ(19.4694, 20.8291, 14.0554)
contains.

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Color

**XYZ(19.5638, 20.9171,
14.0726)**

Conversions

Conversions Part 1

Format	Color
Hex	877E60
RGB	135, 126, 96
RGB Percent	53%, 49%, 38%
CMY	0.4706, 0.5059, 0.6235
CMYK	0.00, 0.07, 0.29, 0.47
HSL	46°, 17%, 45%
HSV	46°, 29%, 53%
XYZ	19.5638, 20.9171, 14.0726
YIQ	125.2710, 14.9940, -7.4220

Conversions

Conversions Part 2

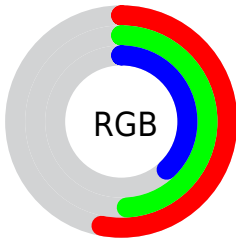
Format	Color
RYB	108, 135, 96
Decimal	8879712
CIELab	52.86, -1.59, 17.60
CIElCh	53, 17.674, 95.153
Yxy	20.9171, 0.3586, 0.3834
Android (android.graphics.Color)	4287069792 (0xFF877E60)
YUV	125.2710, -14.4306, 8.5323
Hunter-Lab	45.7352, -3.6811, 13.7713

Details

The XYZ color **19.5638, 20.9171, 14.0726** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.2485, 14.3388, 24.9383**, and the grayscale version is **19.6283, 20.6505, 22.4884**.

A 20% lighter version of the original color is **42.3728, 45.1656, 34.0883**, and **6.9546, 7.4608, 3.9793** is the 20% darker color. If you saturate the color by 10%, you get **18.6030, 19.9062, 10.9448**, and if you desaturate by 10%, it is **20.6448, 21.9974, 17.7677**.

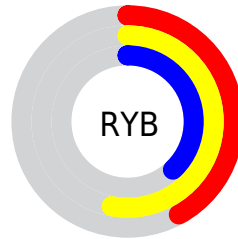
Distribution



Red (53%)

Green (49%)

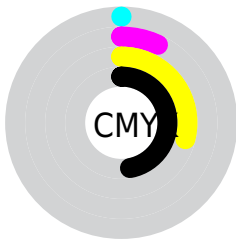
Blue (38%)



Red (42%)

Yellow (53%)

Blue (38%)

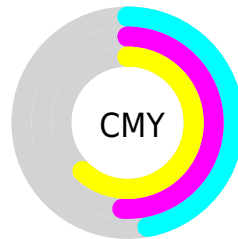


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5638, 20.9171, 14.0726 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 19.5638, 20.9171, 14.0726 by changing the saturation by 10% instead.

■ 19.5638, 20.9171,
14.0726

■ 19.5638, 20.9171,
14.0726

242.4226,
256.8376, 229.1261

■ 12.1848, 13.0634,
8.0318

■ 42.1942, 44.9495,
33.9368

■ 6.9427, 7.4722,
4.0273

■ 58.1763, 61.8971,
48.5973

■ 3.4723, 3.7591,
1.6403

■ 77.7568, 82.6447,
66.9681

■ 1.4082, 1.5398,
0.3193

■ 101.3010,
107.5767, 89.4678

■ 0.2620, 0.3165,
0.0000

129.1744,
137.0777, 116.5149

■ 0.0000, 0.0000,
0.0000

161.7422,

171.5319, 148.5280

199.3698,
211.3237, 185.9255

■ 19.5638, 20.9171,
14.0726

■ 19.5638, 20.9171,
14.0726

■ 18.6030, 19.9062,
10.9448

■ 20.6448, 21.9974,
17.7677

■ 17.7553, 18.9595,
8.3541

■ 21.8496, 23.1465,
22.0554

■ 17.0152, 18.0752,
6.2698

■ 23.1837, 24.3675,
26.9612

■ 16.3759, 17.2506,
4.6572

■ 24.6515, 25.6623,
32.5087

■ 15.8300, 16.4825,
3.4774

■ 26.2574, 27.0329,
38.7202

■ 15.3688, 15.7672,
2.6853

■ 28.0055, 28.4811,
45.6169

■ 14.9707, 15.0959,
2.1679

■ 29.8999, 30.0087,
53.2192

■ 14.9276, 15.0229,
2.1129

■ 31.9442, 31.6172,
61.5465

■ 34.1422, 33.3084,
70.6175

Harmonies

Analogous

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



21.4111, 20.9171, 14.7360



19.5638, 20.9171, 14.0726



17.9055, 20.9171, 15.4300

Triad

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



19.5638, 20.9171, 14.0726



17.1163, 20.9171, 29.1478



23.2812, 20.9171, 27.3221

Complementary

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



19.5638, 20.9171, 14.0726



14.2485, 14.3388, 24.9383

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.



21.9968, 20.9171, 32.1448



19.5638, 20.9171, 14.0726



18.4257, 20.9171, 33.3080

Square

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



19.5638, 20.9171, 14.0726



16.5495, 20.9171, 23.7010



20.2018, 20.9171, 34.4817



23.6322, 20.9171, 21.8738

Rectangle

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



19.5638, 20.9171, 14.0726



17.1065, 20.9171, 17.4437



20.2018, 20.9171, 34.4817



22.9405, 20.9171, 29.0954

Sweetspot

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



19.5643, 20.9180, 14.0730



39.0575, 41.3846, 39.2397



16.7296, 14.5388, 15.3163



8.9779, 9.5211, 8.8445



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.5643, 20.9180, 14.0730



33.8267, 36.1981, 21.2336



19.1745, 22.5024, 14.3994



4.9511, 5.2458, 4.9810



13.7755, 13.8736, 1.9518



0.0532, 0.0590, 0.0086

Inverse Universe

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



14.2485, 14.3388, 24.9383



22.6131, 22.3231, 44.1653



14.5477, 13.2040, 24.7035



4.5153, 4.7061, 5.8711



4.4969, 2.5416, 21.3903



0.0204, 0.0184, 0.0757

Previews

White Background



This preview shows how the XYZ color 19.5638, 20.9171, 14.0726 looks on a white background.

Color Contrast Check

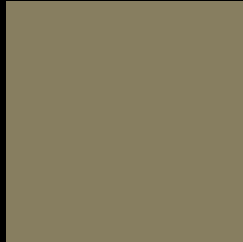
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5638, 20.9171, 14.0726 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

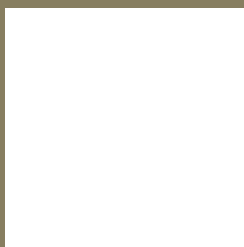
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5638, 20.9171, 14.0726

Background



This preview shows how black text looks on a background with the XYZ color 19.5638, 20.9171, 14.0726.



This preview shows how white text looks on a background with the XYZ color 19.5638, 20.9171,

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

19.5638, 20.9171, 14.0726

Protanopia

19.5638, 20.9171, 14.0726

Deuteranopia

21.2078, 20.8337, 14.2128



Tritanopia

21.5816, 20.8024, 24.3505

Trichromacy



Original Color

19.5638, 20.9171, 14.0726

Protanomaly

19.5638, 20.9171, 14.0726

Deuteranomaly

20.5683, 20.8686, 14.2532

Tritanomaly

20.8342, 20.8772, 20.0712

Monochromacy



Original Color

19.5638, 20.9171, 14.0726

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4241, 20.5493, 18.8622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5638, 20.9171, 14.0726 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(135, 126, 96)` looks like.

```
.text, #text, p{  
    color:rgb(135, 126, 96)  
}
```

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(135, 126, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 126, 96) }
```

Border

The CSS property to change the border of an element to XYZ 19.5638, 20.9171, 14.0726 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(135, 126, 96) }
```


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

```
.border{ border-color:rgb(135, 126, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 126, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 126, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 126, 96);  
box-shadow:4px 4px 4px 4px rgb(135, 126,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5638, 20.9171, 14.0726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 126, 96) }
```

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

```
.background{ background-color: rgb(135,  
126, 96) }
```

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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