

Converting Colors

XYZ(19.5083, 17.8866, 13.3684)

Have a look what the booklet for
XYZ(19.5083, 17.8866, 13.3684)
contains.

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Color

**XYZ(19.5668, 17.9665,
13.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	936D5F
RGB	147, 109, 95
RGB Percent	58%, 43%, 37%
CMY	0.4235, 0.5725, 0.6274
CMYK	0.00, 0.26, 0.35, 0.42
HSL	16°, 21%, 47%
HSV	16°, 35%, 58%
XYZ	19.5668, 17.9665, 13.2631
YIQ	118.7660, 27.1420, 3.7020

Conversions

Conversions Part 2

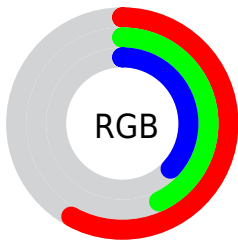
Format	Color
R_{YB}	147, 114, 95
Decimal	9661791
CIE _{Lab}	49.46, 13.10, 13.71
CIE _{LCh}	49, 18.962, 46.315
Yxy	17.9665, 0.3852, 0.3537
Android (android.graphics.Color)	4287851871 (0xFF936D5F)
YUV	118.7660, -11.7166, 24.7612
Hunter-Lab	42.3869, 8.2227, 11.1187

Details

The XYZ color **19.5668, 17.9665, 13.2631** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3731, 21.3139, 30.7494**, and the grayscale version is **17.4908, 18.4017, 20.0395**.

A 20% lighter version of the original color is **42.2128, 40.0906, 32.3015**, and **6.9424, 5.9921, 3.6964** is the 20% darker color. If you saturate the color by 10%, you get **17.8840, 15.5712, 9.7108**, and if you desaturate by 10%, it is **21.5167, 20.6941, 17.5270**.

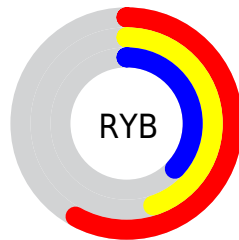
Distribution



Red (58%)

Green (43%)

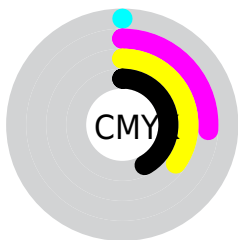
Blue (37%)



Red (58%)

Yellow (45%)

Blue (37%)

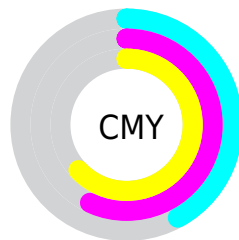


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5668, 17.9665, 13.2631 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 19.5668, 17.9665, 13.2631 by changing the saturation by 10% instead.

■ 19.5668, 17.9665,
13.2631

■ 19.5668, 17.9665,
13.2631

242.4387,
240.6822, 223.8637

■ 12.1870, 10.9259,
7.4771

■ 42.1992, 39.9802,
32.4737

■ 6.9442, 6.0171,
3.6793

■ 58.1825, 55.7222,
46.7355

■ 3.4733, 2.8555,
1.4511

■ 77.7643, 75.1334,
64.6595

■ 1.4087, 1.0567,
0.1811

■ 101.3100, 98.5983,
86.6645

■ 0.2624, 0.0000,
0.0000

129.1849,
126.5012, 113.1688

■ 0.0000, 0.0000,
0.0000

161.7544,

159.2266, 144.5911

199.3839,
197.1587, 181.3499

■ 19.5668, 17.9665,
13.2631

■ 19.5668, 17.9665,
13.2631

■ 17.8840, 15.5712,
9.7108

■ 21.5167, 20.6941,
17.5270

■ 16.4548, 13.4927,
6.8299

■ 23.7437, 23.7635,
22.5374

■ 15.2664, 11.7181,
4.5777

■ 26.2588, 27.1872,
28.3285

■ 14.3046, 10.2325,
2.9063

■ 29.0721, 30.9761,
34.9318

■ 13.5530, 9.0197,
1.7607

■ 32.1933, 35.1408,
42.3771

■ 12.9914, 8.0609,
1.0665

■ 35.6313, 39.6914,
50.6928

■ 12.7775, 7.6928,
0.8114

■ 39.3951, 44.6374,
59.9058

■ 43.4930, 49.9883,
70.0420

■ 47.9330, 55.7531,
81.1262

Harmonies

Analogous

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



20.5987, 17.9665, 16.9211



19.5668, 17.9665, 13.2631



17.9042, 17.9665, 11.4607

Triad

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



19.5668, 17.9665, 13.2631



13.9450, 17.9665, 17.3211



18.0622, 17.9665, 30.6340

Complementary

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



19.5668, 17.9665, 13.2631



18.3731, 21.3139, 30.7494

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.



16.2749, 17.9665, 30.7923



19.5668, 17.9665, 13.2631



13.9808, 17.9665, 22.4653

Square

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



19.5668, 17.9665, 13.2631



14.7058, 17.9665, 13.5116



14.8072, 17.9665, 27.5946



19.6894, 17.9665, 27.1941

Rectangle

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



19.5668, 17.9665, 13.2631



16.7007, 17.9665, 11.3073



14.8072, 17.9665, 27.5946



17.4581, 17.9665, 31.0911

Sweetspot

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



19.5673, 17.9674, 13.2635



44.3260, 45.0218, 44.4895



20.3678, 16.0848, 24.2699



9.9960, 10.1103, 9.8745



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.5673, 17.9674, 13.2635



32.7407, 28.9084, 18.8715



22.7437, 24.3201, 14.3223



5.9203, 6.0544, 6.0971



11.0957, 6.7059, 0.7096



0.1575, 0.1254, 0.0159

Inverse Universe

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



18.3731, 21.3139, 30.7494



30.2811, 35.7543, 54.7399



15.2576, 15.0829, 29.7109



5.8334, 6.3007, 7.3784



9.1825, 11.0599, 25.5818



0.1368, 0.1842, 0.3212

Previews

White Background



This preview shows how the XYZ color 19.5668, 17.9665, 13.2631 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 19.5668, 17.9665, 13.2631 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 19.5668, 17.9665, 13.2631

Background



This preview shows how black text looks on a background with the XYZ color 19.5668, 17.9665, 13.2631.



This preview shows how white text looks on a background with the XYZ color 19.5668, 17.9665,

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

19.5668, 17.9665, 13.2631

Protanopia

17.0427, 18.1428, 14.4080

Deuteranopia

18.2420, 17.9368, 13.0904



Tritanopia

20.5857, 17.9125, 18.2921

Trichromacy



Original Color

19.5668, 17.9665, 13.2631

Protanomaly

17.8511, 18.0488, 14.0982

Deuteranomaly

18.7991, 18.0592, 13.0846

Tritanomaly

20.1243, 17.8728, 16.2991

Monochromacy



Original Color

19.5668, 17.9665, 13.2631

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.9985, 18.0544, 17.2881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5668, 17.9665, 13.2631 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(147, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(147, 109, 95)  
}
```

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(147, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 109, 95) }
```

Border

The CSS property to change the border of an element to XYZ 19.5668, 17.9665, 13.2631 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(147, 109, 95) }
```


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

```
.border{ border-color:rgb(147, 109, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 109, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(147, 109,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5668, 17.9665, 13.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 109, 95) }
```

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

```
.background{ background-color: rgb(147,  
109, 95) }
```

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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