

Converting Colors

XYZ(19.7335, 18.3431, 14.0562)

Have a look what the booklet for
XYZ(19.7335, 18.3431, 14.0562)
contains.

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Color

**XYZ(19.7431, 18.3617,
14.0589)**

Conversions

Conversions Part 1

Format	Color
Hex	926F62
RGB	146, 111, 98
RGB Percent	57%, 44%, 38%
CMY	0.4275, 0.5647, 0.6157
CMYK	0.00, 0.24, 0.33, 0.43
HSL	16°, 20%, 48%
HSV	16°, 33%, 57%
XYZ	19.7431, 18.3617, 14.0589
YIQ	119.9830, 25.0330, 3.3770

Conversions

Conversions Part 2

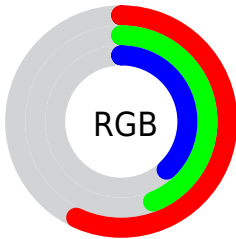
Format	Color
R_{YB}	146, 116, 98
Decimal	9596770
CIE _{Lab}	49.93, 11.93, 12.59
CIE _{LCh}	50, 17.342, 46.547
Yxy	18.3617, 0.3785, 0.3520
Android (android.graphics.Color)	4287786850 (0xFF926F62)
YUV	119.9830, -10.8376, 22.8169
Hunter-Lab	42.8506, 7.2542, 10.5428

Details

The XYZ color **19.7431, 18.3617, 14.0589** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6126, 21.4464, 30.3527**, and the grayscale version is **17.8755, 18.8064, 20.4802**.

A 20% lighter version of the original color is **42.6094, 40.7818, 34.0597**, and **7.0134, 6.1826, 4.0725** is the 20% darker color. If you saturate the color by 10%, you get **18.0226, 15.9251, 10.3890**, and if you desaturate by 10%, it is **21.7288, 21.1272, 18.4380**.

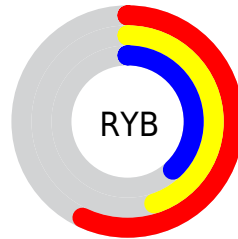
Distribution



Red (57%)

Green (44%)

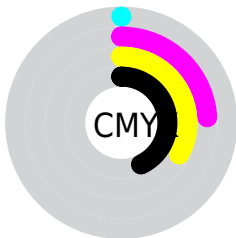
Blue (38%)



Red (57%)

Yellow (45%)

Blue (38%)

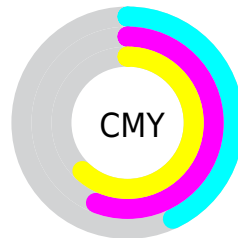


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (43%)



Cyan (43%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7431, 18.3617, 14.0589 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 19.7431, 18.3617, 14.0589 by changing the saturation by 10% instead.

■ 19.7431, 18.3617,
14.0589

■ 19.7431, 18.3617,
14.0589

243.3811,
242.9019, 229.0381

■ 12.3156, 11.2100,
8.0224

■ 42.4933, 40.6527,
33.9121

■ 7.0327, 6.2083,
4.0213

■ 58.5467, 56.5608,
48.5660

■ 3.5291, 2.9721,
1.6370

■ 78.2061, 76.1564,
66.9293

■ 1.4393, 1.1172,
0.3171

■ 101.8370, 99.8240,
89.4208

■ 0.2840, 0.0000,
0.0000

129.8045,
127.9480, 116.4588

■ 0.0000, 0.0000,
0.0000

162.4741,

160.9127, 148.4620

200.2112,
199.1025, 185.8490

■ 19.7431, 18.3617,
14.0589

■ 19.7431, 18.3617,
14.0589

■ 18.0226, 15.9251,
10.3890

■ 21.7288, 21.1272,
18.4380

■ 16.5542, 13.8024,
7.3895

■ 23.9891, 24.2308,
23.5601

■ 15.3256, 11.9811,
5.0197

■ 26.5349, 27.6845,
29.4581

■ 14.3232, 10.4472,
3.2337

■ 29.3758, 31.4989,
36.1625

■ 13.5315, 9.1851,
1.9795

■ 32.5213, 35.6841,
43.7023

■ 12.9330, 8.1776,
1.1955

■ 35.9800, 40.2499,
52.1050

■ 12.5978, 7.5985,
0.8027

■ 39.7605, 45.2057,
61.3969

■ 43.8711, 50.5606,
71.6030

■ 48.3194, 56.3234,
82.7475

Harmonies

Analogous

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



20.6975, 18.3617, 17.4984



19.7431, 18.3617, 14.0589



18.2062, 18.3617, 12.3489

Triad

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



19.7431, 18.3617, 14.0589



14.5258, 18.3617, 17.9387



18.3781, 18.3617, 30.1090

Complementary

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



19.7431, 18.3617, 14.0589



18.6126, 21.4464, 30.3527

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.



16.7194, 18.3617, 30.2773



19.7431, 18.3617, 14.0589



14.5653, 18.3617, 22.7135

Square

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



19.7431, 18.3617, 14.0589



15.2342, 18.3617, 14.3369



15.3458, 18.3617, 27.3979



19.8758, 18.3617, 26.9692

Rectangle

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



19.7431, 18.3617, 14.0589



17.0905, 18.3617, 12.2106



15.3458, 18.3617, 27.3979



17.8191, 18.3617, 30.5305

Sweetspot

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



19.7436, 18.3626, 14.0593



43.4702, 44.3136, 44.2082



20.4694, 16.5456, 24.3777



9.5499, 9.6940, 9.5571



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.



19.7436, 18.3626, 14.0593



32.6826, 29.3607, 20.1966



22.6949, 24.2651, 15.0430



5.9211, 6.0559, 6.0973



11.1027, 6.7197, 0.7119



0.1577, 0.1258, 0.0160

Inverse Universe

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



18.6126, 21.4464, 30.3527



30.3812, 35.6014, 53.2441



15.7155, 15.6522, 29.3870



5.8326, 6.2992, 7.3782



9.1612, 11.0171, 25.5747



0.1366, 0.1838, 0.3212

Previews

White Background



This preview shows how the XYZ color 19.7431, 18.3617, 14.0589 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 19.7431, 18.3617, 14.0589 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 19.7431, 18.3617, 14.0589

Background



This preview shows how black text looks on a background with the XYZ color 19.7431, 18.3617, 14.0589.

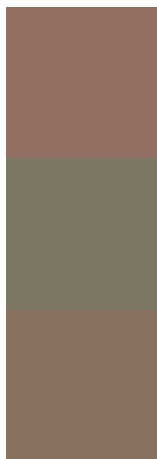


This preview shows how white text looks on a background with the XYZ color 19.7431, 18.3617,

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

19.7431, 18.3617, 14.0589

Protanopia

17.4525, 18.5129, 15.2239

Deuteranopia

18.6562, 18.3010, 13.8584



Tritanopia

20.7862, 18.3054, 19.2674

Trichromacy



Original Color

19.7431, 18.3617, 14.0589

Protanomaly

18.2672, 18.4169, 14.9040

Deuteranomaly

19.0473, 18.3360, 13.8446

Tritanomaly

20.3157, 18.2661, 17.2068

Monochromacy



Original Color

19.7431, 18.3617, 14.0589

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.3392, 18.5596, 17.9450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7431, 18.3617, 14.0589 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(146, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(146, 111, 98)  
}
```

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(146, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 111, 98) }
```

Border

The CSS property to change the border of an element to XYZ 19.7431, 18.3617, 14.0589 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(146, 111, 98) }
```


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

```
.border{ border-color:rgb(146, 111, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 111, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(146, 111,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7431, 18.3617, 14.0589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 111, 98) }
```

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

```
.background{ background-color: rgb(146,  
111, 98) }
```

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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