

Converting Colors

XYZ(27.5781, 29.0086, 18.9616)

Have a look what the booklet for
XYZ(27.5781, 29.0086, 18.9616)
contains.

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Color

**XYZ(27.4371, 28.8502,
18.8744)**

Conversions

Conversions Part 1

Format	Color
Hex	A0916E
RGB	160, 145, 110
RGB Percent	63%, 57%, 43%
CMY	0.3725, 0.4314, 0.5686
CMYK	0.00, 0.09, 0.31, 0.37
HSL	42°, 21%, 53%
HSV	42°, 31%, 63%
XYZ	27.4371, 28.8502, 18.8744
YIQ	145.4950, 20.1750, -7.7050

Conversions

Conversions Part 2

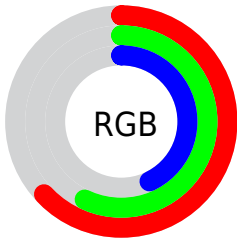
Format	Color
RYB	131, 160, 110
Decimal	10522990
CIELab	60.65, 0.06, 20.64
CIELCh	61, 20.639, 89.823
Yxy	28.8502, 0.3650, 0.3838
Android (android.graphics.Color)	4288713070 (0xFFA0916E)
YUV	145.4950, -17.4990, 12.7209
Hunter-Lab	53.7124, -2.8162, 16.7643

Details

The XYZ color **27.4371, 28.8502, 18.8744** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.1090, 20.5197, 36.1586**, and the grayscale version is **27.1792, 28.5946, 31.1395**.

A 20% lighter version of the original color is **54.9693, 57.9026, 42.4615**, and **11.1461, 11.7204, 6.2322** is the 20% darker color. If you saturate the color by 10%, you get **25.9258, 27.0980, 14.4540**, and if you desaturate by 10%, it is **29.1382, 30.7299, 24.1348**.

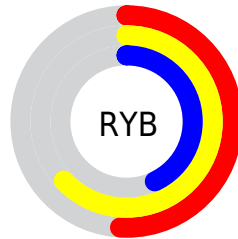
Distribution



Red (63%)

Green (57%)

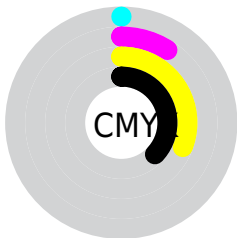
Blue (43%)



Red (51%)

Yellow (63%)

Blue (43%)

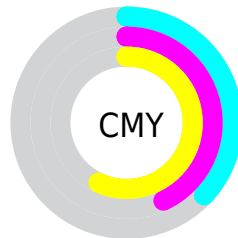


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4371, 28.8502, 18.8744 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 27.4371, 28.8502, 18.8744 by changing the saturation by 10% instead.

■ 27.4371, 28.8502,
18.8744

■ 27.4371, 28.8502,
18.8744

281.8964,
296.5075, 258.1541

■ 18.0401, 18.9675,
11.4037

■ 54.9994, 57.8390,
42.3556

■ 11.0786, 11.6468,
6.2215

■ 73.8954, 77.7139,
59.2032

■ 6.1874, 6.5037,
2.9092

■ 96.6884, 101.6884,
80.0135

■ 3.0011, 3.1537,
1.0485

■ 123.7439,
130.1468, 105.2050

■ 1.1544, 1.2125,
0.0000

155.4270,
163.4735, 135.1962

■ 0.0699, 0.0719,
0.0000

192.1032,

■ 0.0000, 0.0000,

202.0529, 170.4058

0.0000

234.1379,
246.2694, 211.2522

■ 27.4371, 28.8502,
18.8744

■ 27.4371, 28.8502,
18.8744

■ 25.9258, 27.0980,
14.4540

■ 29.1382, 30.7299,
24.1348

■ 24.5933, 25.4653,
10.8271

■ 31.0350, 32.7370,
30.2749

■ 23.4305, 23.9489,
7.9453

■ 33.1361, 34.8766,
37.3338

■ 22.4269, 22.5438,
5.7543

■ 35.4486, 37.1520,
45.3478

■ 21.5702, 21.2446,
4.1921

■ 37.9793, 39.5667,
54.3514

■ 20.8463, 20.0449,
3.1858

■ 40.7349, 42.1237,
64.3772

■ 20.2927, 19.0646,
2.6103

■ 43.7215, 44.8261,
75.4562

■ 46.9451, 47.6768,
87.6183

■ 50.4115, 50.6787,
100.8922

Harmonies

Analogous

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



30.0864, 28.8502, 20.3305



27.4371, 28.8502, 18.8744



24.9441, 28.8502, 20.2965

Triad

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



27.4371, 28.8502, 18.8744



23.2002, 28.8502, 39.3155



32.1079, 28.8502, 39.4069

Complementary

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



27.4371, 28.8502, 18.8744



20.1090, 20.5197, 36.1586

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.



30.0572, 28.8502, 45.9893



27.4371, 28.8502, 18.8744



24.9184, 28.8502, 45.9308

Square

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



27.4371, 28.8502, 18.8744



22.5967, 28.8502, 31.3676



27.4054, 28.8502, 48.5483



32.8878, 28.8502, 31.4584

Rectangle

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



27.4371, 28.8502, 18.8744



23.6793, 28.8502, 22.8426



27.4054, 28.8502, 48.5483



31.5380, 28.8502, 41.8966

Sweetspot

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



27.4378, 28.8515, 18.8750



57.1115, 60.2273, 57.4913



23.7751, 20.1064, 22.0302



12.4144, 13.0942, 12.2405



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.4378, 28.8515, 18.8750



48.0063, 50.3024, 28.9132



27.9631, 32.7516, 19.6001



7.0021, 7.3842, 7.0419



15.8474, 14.9305, 2.0466



0.3183, 0.3369, 0.0482

Inverse Universe

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



20.1090, 20.5197, 36.1586



32.7060, 32.9143, 65.0158



19.6671, 17.6834, 35.6345



6.4389, 6.7435, 8.3689



5.8005, 3.6925, 26.3142



0.1382, 0.1350, 0.4820

Previews

White Background



This preview shows how the XYZ color 27.4371, 28.8502, 18.8744 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 27.4371, 28.8502, 18.8744 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 27.4371, 28.8502, 18.8744

Background



This preview shows how black text looks on a background with the XYZ color 27.4371, 28.8502, 18.8744.



This preview shows how white text looks on a background with the XYZ color 27.4371, 28.8502,

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

27.4371, 28.8502, 18.8744

Protanopia

27.0528, 28.8736, 19.1862

Deuteranopia

29.2606, 28.6745, 19.0315



Tritanopia

30.4810, 28.9899, 33.2672

Trichromacy



Original Color

27.4371, 28.8502, 18.8744

Protanomaly

27.2487, 28.9746, 19.1954

Deuteranomaly

28.6907, 28.8185, 19.0893

Tritanomaly

29.2212, 28.9101, 27.3326

Monochromacy



Original Color

27.4371, 28.8502, 18.8744

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8679, 28.4008, 25.8956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4371, 28.8502, 18.8744 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(160, 145, 110)` looks like.

```
.text, #text, p{  
    color:rgb(160, 145, 110)  
}
```

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(160, 145, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 145, 110) }
```

Border

The CSS property to change the border of an element to XYZ 27.4371, 28.8502, 18.8744 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(160, 145, 110) }
```


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

```
.border{ border-color:rgb(160, 145, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 145, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 145, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 145, 110);  
box-shadow:4px 4px 4px 4px rgb(160, 145,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4371, 28.8502, 18.8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 145, 110) }
```

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

```
.background{ background-color: rgb(160,  
145, 110) }
```

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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