

Converting Colors

XYZ(27.3319, 29.4463, 17.7261)

Have a look what the booklet for
XYZ(27.3319, 29.4463, 17.7261)
contains.

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Color

**XYZ(27.4378, 29.5707,
17.6262)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9469
RGB	159, 148, 105
RGB Percent	62%, 58%, 41%
CMY	0.3765, 0.4196, 0.5882
CMYK	0.00, 0.07, 0.34, 0.38
HSL	48°, 22%, 52%
HSV	48°, 34%, 62%
XYZ	27.4378, 29.5707, 17.6262
YIQ	146.3870, 20.3590, -11.0410

Conversions

Conversions Part 2

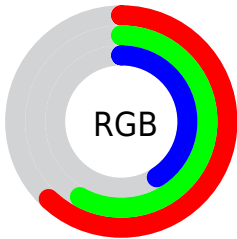
Format	Color
R_{YB}	119, 159, 105
Decimal	10458217
CIE _{Lab}	61.28, -2.66, 24.24
CIE _{LCh}	61, 24.390, 96.264
Yxy	29.5707, 0.3676, 0.3962
Android (android.graphics.Color)	4288648297 (0xFF9F9469)
YUV	146.3870, -20.4038, 11.0616
Hunter-Lab	54.3789, -5.0980, 18.8472

Details

The XYZ color **27.4378, 29.5707, 17.6262** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.3290, 17.9967, 35.3086**, and the grayscale version is **27.5565, 28.9916, 31.5719**.

A 20% lighter version of the original color is **54.9379, 58.9715, 40.3854**, and **11.1696, 12.1566, 5.6286** is the 20% darker color. If you saturate the color by 10%, you get **26.1953, 28.2734, 13.5502**, and if you desaturate by 10%, it is **28.8488, 30.9602, 22.5129**.

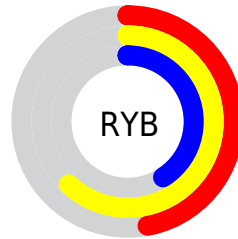
Distribution



Red (62%)

Green (58%)

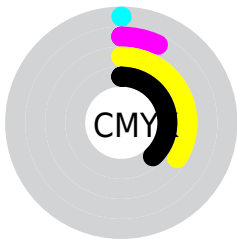
Blue (41%)



Red (47%)

Yellow (62%)

Blue (41%)

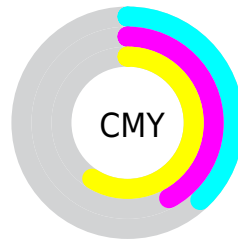


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4378, 29.5707, 17.6262 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 27.4378, 29.5707, 17.6262 by changing the saturation by 10% instead.

■ 27.4378, 29.5707,
17.6262

■ 27.4378, 29.5707,
17.6262

281.8997,
299.8982, 250.9206

■ 18.0406, 19.5130,
10.5153

■ 55.0005, 58.9826,
40.2046

■ 11.0790, 12.0415,
5.6319

■ 73.8968, 79.1056,
56.5093

■ 6.1877, 6.7720,
2.5574

■ 96.6901, 103.3524,
76.7155

■ 3.0013, 3.3199,
0.8704

■ 123.7458,
132.1075, 101.2420

■ 1.1544, 1.3009,
0.0000

155.4292,
165.7552, 130.5072

■ 0.0699, 0.1419,
0.0000

192.1058,

■ 0.0000, 0.0000,

204.6800, 164.9296

0.0000

234.1408,
249.2662, 204.9279

■ 27.4378, 29.5707,
17.6262

■ 27.4378, 29.5707,
17.6262

■ 26.1953, 28.2734,
13.5502

■ 28.8488, 30.9602,
22.5129

■ 25.1104, 27.0608,
10.2382

■ 30.4342, 32.4413,
28.2501

■ 24.1745, 25.9300,
7.6413

■ 32.2019, 34.0184,
34.8769

■ 23.3768, 24.8767,
5.7043

■ 34.1592, 35.6946,
42.4297

■ 22.7053, 23.8959,
4.3640

■ 36.3125, 37.4727,
50.9426

■ 22.1455, 22.9815,
3.5444

■ 38.6682, 39.3554,
60.4483

■ 21.8388, 22.4524,
3.1827

■ 41.2321, 41.3451,
70.9776

■ 44.0101, 43.4444,
82.5601

■ 47.0077, 45.6557,
95.2244

Harmonies

Analogous

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



30.6650, 29.5707, 18.5729



27.4378, 29.5707, 17.6262



24.6102, 29.5707, 19.9421

Triad

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



27.4378, 29.5707, 17.6262



23.4164, 29.5707, 43.8290



34.1447, 29.5707, 39.8515

Complementary

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



27.4378, 29.5707, 17.6262



18.3290, 17.9967, 35.3086

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.



31.9182, 29.5707, 48.6609



27.4378, 29.5707, 17.6262



25.6936, 29.5707, 51.2461

Square

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



27.4378, 29.5707, 17.6262



22.4051, 29.5707, 34.1655



28.7851, 29.5707, 53.1644



34.7003, 29.5707, 30.3065

Rectangle

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



27.4378, 29.5707, 17.6262



23.2783, 29.5707, 23.3426



28.7851, 29.5707, 53.1644



33.5590, 29.5707, 43.0487

Sweetspot

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



27.4385, 29.5720, 17.6268



55.6597, 59.1441, 54.8782



22.5432, 18.7517, 19.1689



12.4558, 13.2507, 12.0273



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.



27.4385, 29.5720, 17.6268



47.3744, 51.1292, 25.7404



26.3974, 31.7186, 18.0960



7.0554, 7.4908, 7.0597



17.2791, 17.7937, 2.5238



0.3356, 0.3715, 0.0540

Inverse Universe

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



18.3290, 17.9967, 35.3086



28.4628, 27.1075, 62.4756



19.0973, 16.6213, 35.0026



6.3887, 6.6432, 8.3522



5.3841, 2.8597, 26.1754



0.1222, 0.1030, 0.4767

Previews

White Background



This preview shows how the XYZ color 27.4378, 29.5707, 17.6262 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 27.4378, 29.5707, 17.6262 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 27.4378, 29.5707, 17.6262

Background



This preview shows how black text looks on a background with the XYZ color 27.4378, 29.5707, 17.6262.



This preview shows how white text looks on a background with the XYZ color 27.4378, 29.5707,

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

27.4378, 29.5707, 17.6262

Protanopia

27.4378, 29.5707, 17.6262

Deuteranopia

30.1790, 29.6167, 17.7617



Tritanopia

30.7326, 29.5384, 34.2187

Trichromacy



Original Color

27.4378, 29.5707, 17.6262

Protanomaly

27.4378, 29.5707, 17.6262

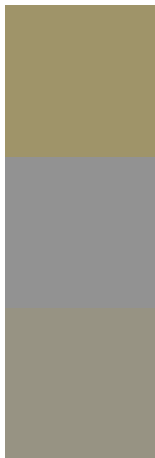
Deuteranomaly

29.1523, 29.5332, 17.7996

Tritanomaly

29.3175, 29.4055, 27.4232

Monochromacy



Original Color

27.4378, 29.5707, 17.6262

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.2930, 29.0854, 25.6483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4378, 29.5707, 17.6262 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(159, 148, 105)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 105)  
}
```

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(159, 148, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 105) }
```

Border

The CSS property to change the border of an element to XYZ 27.4378, 29.5707, 17.6262 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(159, 148, 105) }
```


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

```
.border{ border-color:rgb(159, 148, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 148, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 105);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4378, 29.5707, 17.6262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 105) }
```

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

```
.background{ background-color: rgb(159,  
148, 105) }
```

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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