

Converting Colors

XYZ(24.9805, 27.1236, 17.1628)

Have a look what the booklet for
XYZ(24.9805, 27.1236, 17.1628)
contains.

XYZ(24.9499, 27.1489, 17.2899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.9499, 27.1489,
17.2899)**

Conversions

Conversions Part 1

Format	Color
Hex	968F69
RGB	150, 143, 105
RGB Percent	59%, 56%, 41%
CMY	0.4118, 0.4392, 0.5882
CMYK	0.00, 0.05, 0.30, 0.41
HSL	51°, 18%, 50%
HSV	51°, 30%, 59%
XYZ	24.9499, 27.1489, 17.2899
YIQ	140.7610, 16.3700, -10.3340

Conversions

Conversions Part 2

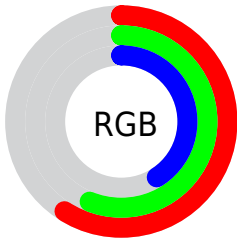
Format	Color
R_{YB}	113, 150, 105
Decimal	9867113
CIE Lab	59.11, -3.61, 21.20
CIE LCh	59, 21.506, 99.672
Yxy	27.1489, 0.3596, 0.3913
Android (android.graphics.Color)	4288057193 (0xFF968F69)
YUV	140.7610, -17.6302, 8.1026
Hunter-Lab	52.1046, -5.7097, 16.7990

Details

The XYZ color **24.9499, 27.1489, 17.2899** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1247, 16.7930, 31.1929**, and the grayscale version is **25.2868, 26.6036, 28.9714**.

A 20% lighter version of the original color is **51.1438, 55.3119, 39.4332**, and **9.6899, 10.7208, 5.4295** is the 20% darker color. If you saturate the color by 10%, you get **23.8998, 26.1754, 13.4659**, and if you desaturate by 10%, it is **26.1447, 28.1938, 21.8337**.

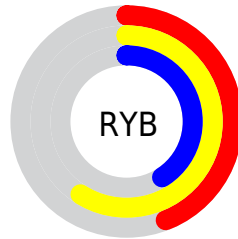
Distribution



Red (59%)

Green (56%)

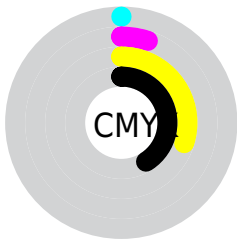
Blue (41%)



Red (44%)

Yellow (59%)

Blue (41%)

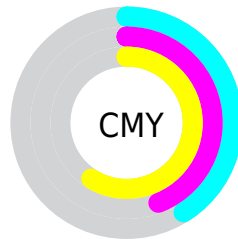


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9499, 27.1489, 17.2899 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 24.9499, 27.1489, 17.2899 by changing the saturation by 10% instead.

■ 24.9499, 27.1489,
17.2899

■ 24.9499, 27.1489,
17.2899

269.9406,
288.3773, 248.9377

■ 16.1683, 17.6851,
10.2773

■ 51.0194, 55.1227,
39.6210

■ 9.7349, 10.7241,
5.4752

■ 69.0380, 74.4015,
55.7765

■ 5.2845, 5.8817,
2.4651

■ 90.8663, 97.7207,
75.8168

■ 2.4516, 2.7732,
0.8216

■ 116.8696,
125.4648, 100.1603

■ 0.8709, 1.0145,
0.0000

147.4134,
158.0181, 129.2256

■ 0.0000, 0.0000,
0.0000

182.8629,

195.7650, 163.4313

223.5835,
239.0900, 203.1958

■ 24.9499, 27.1489,
17.2899

■ 24.9499, 27.1489,
17.2899

■ 23.8998, 26.1754,
13.4659

■ 26.1447, 28.1938,
21.8337

■ 22.9851, 25.2668,
10.3224

■ 27.4888, 29.3091,
27.1306

■ 22.1986, 24.4209,
7.8189

■ 28.9891, 30.4988,
33.2137

■ 21.5317, 23.6343,
5.9098

■ 30.6515, 31.7650,
40.1137

■ 20.9746, 22.9030,
4.5437

■ 32.4815, 33.1103,
47.8597

■ 20.5158, 22.2223,
3.6600

■ 34.4844, 34.5367,
56.4793

■ 20.1258, 21.5804,
3.1047

■ 36.6652, 36.0464,
65.9988

■ 20.1258, 21.5803,
3.1047

■ 39.0289, 37.6413,
76.4435

■ 41.5800, 39.3233,
87.8377

Harmonies

Analogous

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



27.6321, 27.1489, 17.7897



24.9499, 27.1489, 17.2899



22.6587, 27.1489, 19.6123

Triad

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



24.9499, 27.1489, 17.2899



22.0451, 27.1489, 39.9939



30.9327, 27.1489, 34.9774

Complementary

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



24.9499, 27.1489, 17.2899



17.1247, 16.7930, 31.1929

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.



29.2281, 27.1489, 42.4066



24.9499, 27.1489, 17.2899



24.0587, 27.1489, 45.6323

Square

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



24.9499, 27.1489, 17.2899



21.0598, 27.1489, 32.1044



26.6778, 27.1489, 46.5843



31.2125, 27.1489, 27.1547

Rectangle

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



24.9499, 27.1489, 17.2899



21.6154, 27.1489, 22.7303



26.6778, 27.1489, 46.5843



30.5020, 27.1489, 37.6379

Sweetspot

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



24.9506, 27.1501, 17.2905



48.7189, 51.8918, 48.7086



20.5820, 17.7685, 17.8208



10.7227, 11.4399, 10.4981



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.



24.9506, 27.1501, 17.2905



42.7609, 46.7468, 25.8487



23.4479, 27.9835, 17.5305



6.1895, 6.5927, 6.1868



16.7108, 17.9361, 2.5813



0.2212, 0.2528, 0.0371

Inverse Universe

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



17.1247, 16.7930, 31.1929



26.6790, 25.4676, 54.4308



18.3026, 16.2986, 31.0353



5.5680, 5.7700, 7.2900



4.8415, 2.3777, 24.1348



0.0731, 0.0568, 0.3000

Previews

White Background



This preview shows how the XYZ color 24.9499, 27.1489, 17.2899 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 24.9499, 27.1489, 17.2899 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

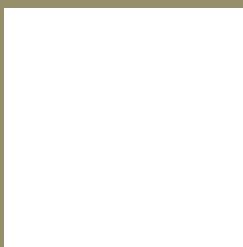
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9499, 27.1489, 17.2899

Background



This preview shows how black text looks on a background with the XYZ color 24.9499, 27.1489, 17.2899.



This preview shows how white text looks on a background with the XYZ color 24.9499, 27.1489,

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

24.9499, 27.1489, 17.2899

Protanopia

25.3597, 27.1382, 17.2662

Deuteranopia

27.5541, 26.9738, 17.3899



Tritanopia

27.8085, 26.9980, 31.7624

Trichromacy



Original Color

24.9499, 27.1489, 17.2899

Protanomaly

25.1717, 27.0413, 17.2574

Deuteranomaly

26.5321, 27.0829, 17.4648

Tritanomaly

26.5343, 26.9035, 25.6242

Monochromacy



Original Color

24.9499, 27.1489, 17.2899

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0709, 26.8338, 24.2801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9499, 27.1489, 17.2899 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(150, 143, 105)` looks like.

```
.text, #text, p{  
    color:rgb(150, 143, 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(150, 143, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 143, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.9499, 27.1489, 17.2899 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(150, 143, 105) }
```


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

```
.border{ border-color:rgb(150, 143, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 143, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 143, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 143, 105);  
box-shadow:4px 4px 4px 4px rgb(150, 143,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9499, 27.1489, 17.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 143, 105) }
```

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

```
.background{ background-color: rgb(150,  
143, 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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