

Converting Colors

XYZ(27.4059, 26.8258, 19.9531)

Have a look what the booklet for
XYZ(27.4059, 26.8258, 19.9531)
contains.

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Color

**XYZ(27.4157, 26.8455,
19.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	A58873
RGB	165, 136, 115
RGB Percent	65%, 53%, 45%
CMY	0.3529, 0.4666, 0.5490
CMYK	0.00, 0.18, 0.30, 0.35
HSL	25°, 22%, 55%
HSV	25°, 30%, 65%
XYZ	27.4157, 26.8455, 19.9564
YIQ	142.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

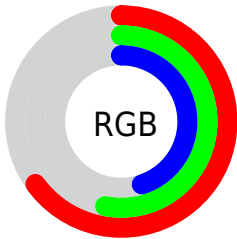
Format	Color
R_{YB}	165, 151, 115
Decimal	10848371
CIE _{Lab}	58.83, 7.81, 15.41
CIE _{LCh}	59, 17.280, 63.113
Yxy	26.8455, 0.3694, 0.3617
Android (android.graphics.Color)	4289038451 (0xFFA58873)
YUV	142.2770, -13.4476, 19.9281
Hunter-Lab	51.8126, 3.7778, 13.4324

Details

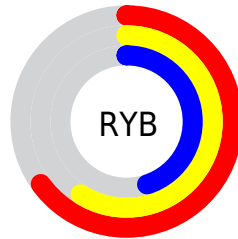
The XYZ color **27.4157, 26.8455, 19.9564** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **23.8346, 26.3070, 39.4188**, and the grayscale version is **25.8664, 27.2135, 29.6355**.

A 20% lighter version of the original color is **54.9914, 54.5574, 44.1915**, and **11.0230, 10.5056, 6.7570** is the 20% darker color. If you saturate the color by 10%, you get **25.2621, 23.9241, 14.9661**, and if you desaturate by 10%, it is **29.8610, 30.0781, 25.8831**.

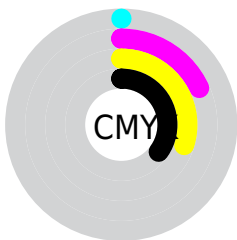
Distribution



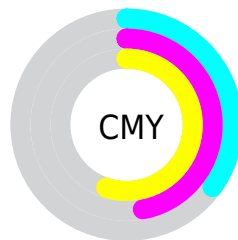
- Red (65%)
- Green (53%)
- Blue (45%)



- Red (65%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4157, 26.8455, 19.9564 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 27.4157, 26.8455, 19.9564 by changing the saturation by 10% instead.

■ 27.4157, 26.8455,
19.9564

■ 27.4157, 26.8455,
19.9564

281.7953,
286.9083, 264.2754

■ 18.0239, 17.4572,
12.1796

■ 54.9654, 54.6358,
44.2021

■ 11.0669, 10.5610,
6.7421

■ 73.8540, 73.8067,
61.5080

■ 6.1795, 5.7725,
3.2253

■ 96.6389, 97.0072,
82.8275

■ 2.9962, 2.7072,
1.2108

123.6854,
124.6218, 108.5789

■ 1.1518, 0.9809,
0.0000

155.3590,
157.0347, 139.1808

■ 0.0678, 0.0000,
0.0000

192.0249,

■ 0.0000, 0.0000,

194.6306, 175.0519

0.0000

234.0485,
237.7936, 216.6106

■ 27.4157, 26.8455,
19.9564

■ 27.4157, 26.8455,
19.9564

■ 25.2621, 23.9241,
14.9661

■ 29.8610, 30.0781,
25.8831

■ 23.3859, 21.3002,
10.8617

■ 32.6074, 33.6274,
32.7896

■ 21.7746, 18.9645,
7.5904

■ 35.6662, 37.5038,
40.7189

■ 20.4139, 16.9059,
5.0931

■ 39.0477, 41.7157,
49.7106

■ 19.2876, 15.1122,
3.3029

■ 42.7616, 46.2714,
59.8024

■ 18.3772, 13.5700,
2.1410

■ 46.8170, 51.1789,
71.0301

■ 17.6644, 12.2941,
1.4420

■ 51.2230, 56.4457,
83.4278

■ 55.9880, 62.0793,
97.0282

■ 59.7210, 67.5272,
104.4942

Harmonies

Analogous

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



29.1072, 26.8455, 23.2720



27.4157, 26.8455, 19.9564



25.2937, 26.8455, 19.0011

Triad

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



27.4157, 26.8455, 19.9564



21.6361, 26.8455, 29.8727



27.8224, 26.8455, 40.2124

Complementary

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



27.4157, 26.8455, 19.9564



23.8346, 26.3070, 39.4188

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.



25.7392, 26.8455, 42.5961



27.4157, 26.8455, 19.9564



22.2327, 26.8455, 36.1273

Square

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



27.4157, 26.8455, 19.9564



22.0302, 26.8455, 24.2341



23.7058, 26.8455, 41.0067



29.3511, 26.8455, 34.8697

Rectangle

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



27.4157, 26.8455, 19.9564



23.9396, 26.8455, 19.7041



23.7058, 26.8455, 41.0067



27.1598, 26.8455, 41.4176

Sweetspot

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



27.4164, 26.8467, 19.9570



58.9922, 60.9843, 60.2455



26.6947, 22.2798, 29.3460



12.7384, 13.1299, 12.7656



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.4164, 26.8467, 19.9570



46.5893, 44.6902, 29.8706



31.3274, 34.6687, 21.2606



7.3069, 7.5521, 7.4527



13.4107, 9.3953, 1.1067



0.3280, 0.2899, 0.0387

Inverse Universe

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



23.8346, 26.3070, 39.4188



39.1826, 43.5680, 70.0966



20.4787, 19.5951, 38.3002



7.0256, 7.5101, 8.9824



8.3309, 8.4412, 28.1200



0.2203, 0.2679, 0.6060

Previews

White Background



This preview shows how the XYZ color 27.4157, 26.8455, 19.9564 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 27.4157, 26.8455, 19.9564 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 27.4157, 26.8455, 19.9564

Background



This preview shows how black text looks on a background with the XYZ color 27.4157, 26.8455, 19.9564.



This preview shows how white text looks on a background with the XYZ color 27.4157, 26.8455,

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

27.4157, 26.8455, 19.9564

Protanopia

25.3726, 26.8418, 20.9832

Deuteranopia

27.4157, 26.8455, 19.9564



Tritanopia

29.2822, 26.7804, 29.2170

Trichromacy



Original Color

27.4157, 26.8455, 19.9564

Protanomaly

25.9611, 26.7182, 20.6184

Deuteranomaly

27.4157, 26.8455, 19.9564

Tritanomaly

28.4887, 26.6565, 25.4735

Monochromacy



Original Color

27.4157, 26.8455, 19.9564

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1206, 26.9061, 25.6465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4157, 26.8455, 19.9564 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(165, 136, 115)` looks like.

```
.text, #text, p{  
    color:rgb(165, 136, 115)  
}
```

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(165, 136, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 136, 115) }
```

Border

The CSS property to change the border of an element to XYZ 27.4157, 26.8455, 19.9564 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(165, 136, 115) }
```


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

```
.border{ border-color:rgb(165, 136, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 136, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 136, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 136, 115);  
box-shadow:4px 4px 4px 4px rgb(165, 136,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4157, 26.8455, 19.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 136, 115) }
```

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

```
.background{ background-color: rgb(165,  
136, 115) }
```

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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