

Converting Colors

XYZ(27.7584, 26.5418, 19.1579)

Have a look what the booklet for
XYZ(27.7584, 26.5418, 19.1579)
contains.

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Color

**XYZ(27.8679, 26.6775,
19.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	A98671
RGB	169, 134, 113
RGB Percent	66%, 53%, 44%
CMY	0.3373, 0.4745, 0.5569
CMYK	0.00, 0.21, 0.33, 0.34
HSL	23°, 25%, 55%
HSV	23°, 33%, 66%
XYZ	27.8679, 26.6775, 19.3033
YIQ	142.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

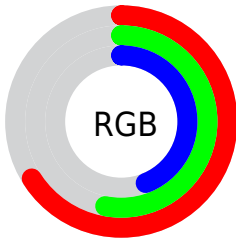
Format	Color
R_{YB}	169, 147, 113
Decimal	11110001
CIE _{Lab}	58.67, 10.30, 16.40
CIE _{LCh}	59, 19.360, 57.874
Yxy	26.6775, 0.3774, 0.3612
Android (android.graphics.Color)	4289300081 (0xFFA98671)
YUV	142.0710, -14.3320, 23.6167
Hunter-Lab	51.6503, 5.9217, 13.9967

Details

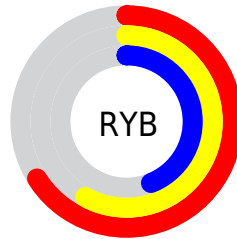
The XYZ color **27.8679, 26.6775, 19.3033** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **24.5610, 27.5541, 41.5600**, and the grayscale version is **25.7871, 27.1301, 29.5446**.

A 20% lighter version of the original color is **55.6132, 54.2648, 43.1403**, and **11.3269, 10.4353, 6.4182** is the 20% darker color. If you saturate the color by 10%, you get **25.6162, 23.5575, 14.2877**, and if you desaturate by 10%, it is **30.4440, 30.1624, 25.3017**.

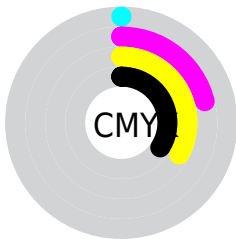
Distribution



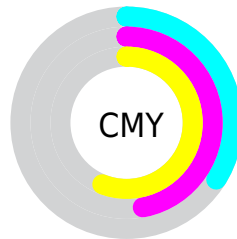
- Red (66%)
- Green (53%)
- Blue (44%)



- Red (66%)
- Yellow (58%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (34%)



- Cyan (34%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8679, 26.6775, 19.3033 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 27.8679, 26.6775, 19.3033 by changing the saturation by 10% instead.

■ 27.8679, 26.6775,
19.3033

■ 27.8679, 26.6775,
19.3033

283.9267,
286.0922, 260.5964

■ 18.3660, 17.3312,
11.7106

■ 55.6836, 54.3659,
43.0895

■ 11.3144, 10.4709,
6.4268

■ 74.7281, 73.4768,
60.1201

■ 6.3476, 5.7123,
3.0333

■ 97.6843, 96.6113,
81.1337

■ 3.1002, 2.6709,
1.1117

■ 124.9174,
124.1539, 106.5489

■ 1.2070, 0.9624,
0.0000

156.7929,
156.4888, 136.7842

■ 0.1119, 0.0000,
0.0000

193.6760,

■ 0.0000, 0.0000,

194.0006, 172.2582

0.0000

235.9321,
237.0736, 213.3894

■ 27.8679, 26.6775,
19.3033

■ 27.8679, 26.6775,
19.3033

■ 25.6162, 23.5575,
14.2877

■ 30.4440, 30.1624,
25.3017

■ 23.6727, 20.7864,
10.2001

■ 33.3556, 34.0204,
32.3306

■ 22.0229, 18.3520,
6.9825

■ 36.6157, 38.2639,
40.4365

■ 20.6499, 16.2402,
4.5696

■ 40.2361, 42.9036,
49.6624

■ 19.5350, 14.4356,
2.8871

■ 44.2280, 47.9498,
60.0491

■ 18.6563, 12.9210,
1.8459

■ 48.6020, 53.4125,
71.6353

■ 18.1611, 12.0330,
1.3654

■ 53.3683, 59.3011,
84.4580

■ 58.5367, 65.6248,
98.5523

■ 62.4471, 71.7249,
105.1607

Harmonies

Analogous

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



29.6195, 26.6775, 23.3415



27.8679, 26.6775, 19.3033



25.5263, 26.6775, 17.8219

Triad

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



27.8679, 26.6775, 19.3033



21.0533, 26.6775, 28.5639



27.5560, 26.6775, 42.2383

Complementary

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



27.8679, 26.6775, 19.3033



24.5610, 27.5541, 41.5600

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.



25.1868, 26.6775, 44.2080



27.8679, 26.6775, 19.3033



21.5229, 26.6775, 35.6144

Square

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



27.8679, 26.6775, 19.3033



21.6754, 26.6775, 22.6214



23.0001, 26.6775, 41.6176



29.4317, 26.6775, 36.5875

Rectangle

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



27.8679, 26.6775, 19.3033



23.9776, 26.6775, 18.2758



23.0001, 26.6775, 41.6176



26.7866, 26.6775, 43.3882

Sweetspot

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



27.8686, 26.6787, 19.3038



61.3983, 63.1028, 61.9899



27.6498, 22.3985, 31.0772



13.2163, 13.5367, 13.1017



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.8686, 26.6787, 19.3038



46.8016, 43.4845, 27.6061



32.1811, 35.3038, 20.7414



7.7530, 7.9862, 7.9221



13.5834, 9.0641, 1.0336



0.3797, 0.3191, 0.0416

Inverse Universe

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



24.5610, 27.5541, 41.5600



39.9190, 45.2882, 73.8626



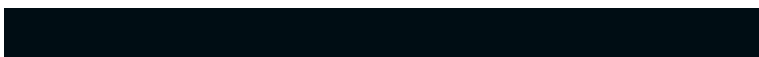
20.7445, 19.9211, 40.2878



7.5076, 8.0521, 9.5769



9.2017, 9.8635, 29.3944



0.2706, 0.3334, 0.7307

Previews

White Background



This preview shows how the XYZ color 27.8679, 26.6775, 19.3033 looks on a white background.

Color Contrast Check

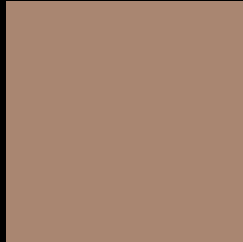
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8679, 26.6775, 19.3033 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 27.8679, 26.6775, 19.3033

Background



This preview shows how black text looks on a background with the XYZ color 27.8679, 26.6775, 19.3033.



This preview shows how white text looks on a background with the XYZ color 27.8679, 26.6775,

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

27.8679, 26.6775, 19.3033

Protanopia

25.0717, 26.7003, 20.3552

Deuteranopia

27.3018, 26.7999, 19.3567



Tritanopia

29.7295, 26.6294, 28.3840

Trichromacy



Original Color

27.8679, 26.6775, 19.3033

Protanomaly

25.8933, 26.4827, 19.9666

Deuteranomaly

27.3705, 26.6272, 19.3198

Tritanomaly

28.9402, 26.5022, 24.7092

Monochromacy



Original Color

27.8679, 26.6775, 19.3033

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2782, 26.7793, 25.2566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8679, 26.6775, 19.3033 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(169, 134, 113)` looks like.

```
.text, #text, p{  
    color:rgb(169, 134, 113)  
}
```

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(169, 134, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 134, 113) }
```

Border

The CSS property to change the border of an element to XYZ 27.8679, 26.6775, 19.3033 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(169, 134, 113) }
```


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

```
.border{ border-color:rgb(169, 134, 113) }
```

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

Here you see how a box with a 4 pixel rgb(169, 134, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 134, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 134, 113);  
box-shadow:4px 4px 4px 4px rgb(169, 134,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8679, 26.6775, 19.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 134, 113) }
```

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

```
.background{ background-color: rgb(169,  
134, 113) }
```

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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