

Converting Colors

XYZ(28.2398, 26.5820, 19.2581)

Have a look what the booklet for
XYZ(28.2398, 26.5820, 19.2581)
contains.

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Color

**XYZ(28.3814, 26.7380,
19.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8571
RGB	172, 133, 113
RGB Percent	67%, 52%, 44%
CMY	0.3255, 0.4784, 0.5569
CMYK	0.00, 0.23, 0.34, 0.33
HSL	20°, 26%, 56%
HSV	20°, 34%, 67%
XYZ	28.3814, 26.7380, 19.2879
YIQ	142.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

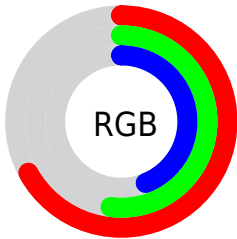
Format	Color
R_{YB}	172, 143, 113
Decimal	11306353
CIE _{Lab}	58.73, 12.08, 16.52
CIE _{LCh}	59, 20.468, 53.829
Yxy	26.7380, 0.3814, 0.3593
Android (android.graphics.Color)	4289496433 (0xFFAC8571)
YUV	142.3810, -14.4848, 25.9759
Hunter-Lab	51.7088, 7.4829, 14.0804

Details

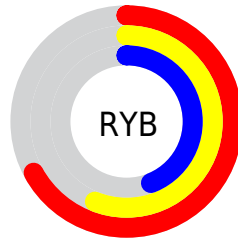
The XYZ color **28.3814, 26.7380, 19.2879** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.4842, 28.9446, 43.2733**, and the grayscale version is **25.9101, 27.2595, 29.6856**.

A 20% lighter version of the original color is **56.3453, 54.3284, 43.1140**, and **11.5186, 10.4197, 6.4051** is the 20% darker color. If you saturate the color by 10%, you get **26.0304, 23.4414, 14.1711**, and if you desaturate by 10%, it is **31.0859, 30.4475, 25.4285**.

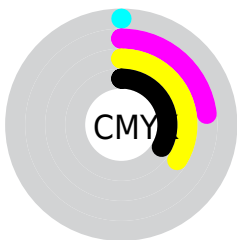
Distribution



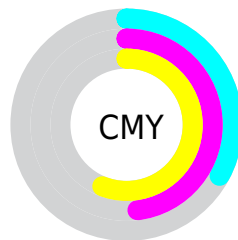
- Red (67%)
- Green (52%)
- Blue (44%)



- Red (67%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3814, 26.7380, 19.2879 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 28.3814, 26.7380, 19.2879 by changing the saturation by 10% instead.

■ 28.3814, 26.7380,
19.2879

■ 28.3814, 26.7380,
19.2879

286.3321,
286.3863, 260.5090

■ 18.7553, 17.3766,
11.6996

■ 56.4972, 54.4632,
43.0632

■ 11.5965, 10.5033,
6.4194

■ 75.7176, 73.5956,
60.0872

■ 6.5398, 5.7339,
3.0289

■ 98.8667, 96.7539,
81.0936

■ 3.2198, 2.6840,
1.1094

■ 126.3101,
124.3224, 106.5008

■ 1.2710, 0.9691,
0.0000

158.4129,
156.6855, 136.7274

■ 0.1614, 0.0000,
0.0000

195.5406,

■ 0.0000, 0.0000,

194.2276, 172.1920

0.0000

238.0586,
237.3331, 213.3130

■ 28.3814, 26.7380,
19.2879

■ 28.3814, 26.7380,
19.2879

■ 26.0304, 23.4414,
14.1711

■ 31.0859, 30.4475,
25.4285

■ 24.0149, 20.5391,
10.0200

■ 34.1563, 34.5801,
32.6435

■ 22.3187, 18.0166,
6.7730

■ 37.6073, 39.1504,
40.9819

■ 20.9230, 15.8568,
4.3607

■ 41.4518, 44.1712,
50.4894

■ 19.8067, 14.0411,
2.7033

■ 45.7023, 49.6546,
61.2090

■ 18.9454, 12.5492,
1.7052

■ 50.3706, 55.6124,
73.1816

■ 18.5423, 11.8288,
1.3059

■ 55.4681, 62.0558,
86.4460

■ 61.0055, 68.9957,
101.0396

■ 64.8632, 75.5905,
105.7795

Harmonies

Analogous

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



30.1077, 26.7380, 23.8598



28.3814, 26.7380, 19.2879



25.9380, 26.7380, 17.3832

Triad

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



28.3814, 26.7380, 19.2879



20.8951, 26.7380, 27.6471



27.4216, 26.7380, 43.7381

Complementary

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



28.3814, 26.7380, 19.2879



25.4842, 28.9446, 43.2733

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.



24.8965, 26.7380, 45.2001



28.3814, 26.7380, 19.2879



21.2348, 26.7380, 35.0859

Square

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



28.3814, 26.7380, 19.2879



21.7001, 26.7380, 21.6684



22.6604, 26.7380, 41.8109



29.5285, 26.7380, 38.0933

Rectangle

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



28.3814, 26.7380, 19.2879



24.2732, 26.7380, 17.6123



22.6604, 26.7380, 41.8109



26.5893, 26.7380, 44.7700

Sweetspot

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



28.3821, 26.7393, 19.2884



64.4607, 66.0539, 65.2045



28.6133, 22.8591, 32.7534



13.8273, 14.1142, 13.7338



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.3821, 26.7393, 19.2884



48.2588, 43.9925, 27.9200



32.9436, 35.8624, 20.8090



8.2189, 8.4427, 8.4098



13.8449, 8.8953, 0.9873



0.4367, 0.3505, 0.0446

Inverse Universe

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



25.4842, 28.9446, 43.2733



42.2022, 48.5722, 77.9568



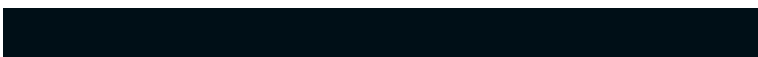
21.3190, 20.6142, 41.8849



8.0042, 8.6077, 10.1923



10.0450, 11.2238, 30.6815



0.3274, 0.4081, 0.8695

Previews

White Background



This preview shows how the XYZ color 28.3814, 26.7380, 19.2879 looks on a white background.

Color Contrast Check

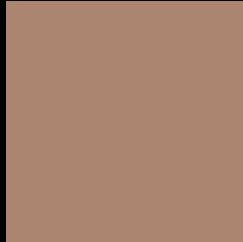
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3814, 26.7380, 19.2879 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 28.3814, 26.7380, 19.2879

Background



This preview shows how black text looks on a background with the XYZ color 28.3814, 26.7380, 19.2879.



This preview shows how white text looks on a background with the XYZ color 28.3814, 26.7380,

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

28.3814, 26.7380, 19.2879

Protanopia

25.3134, 26.8181, 20.6719

Deuteranopia

27.2458, 26.7775, 19.0618



Tritanopia

30.1897, 26.6786, 27.9844

Trichromacy



Original Color

28.3814, 26.7380, 19.2879

Protanomaly

26.3414, 26.7070, 20.2896

Deuteranomaly

27.7371, 26.8226, 19.0446

Tritanomaly

29.4675, 26.5756, 24.6956

Monochromacy



Original Color

28.3814, 26.7380, 19.2879

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4662, 26.8762, 25.2654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3814, 26.7380, 19.2879 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(172, 133, 113)` looks like.

```
.text, #text, p{  
    color:rgb(172, 133, 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(172, 133, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 133, 113) }
```

Border

The CSS property to change the border of an element to XYZ 28.3814, 26.7380, 19.2879 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(172, 133, 113) }
```


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

```
.border{ border-color:rgb(172, 133, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 133, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 133, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 133, 113);  
box-shadow:4px 4px 4px 4px rgb(172, 133,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3814, 26.7380, 19.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 133, 113) }
```

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

```
.background{ background-color: rgb(172,  
133, 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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