

Converting Colors

XYZ(29.1843, 27.7768, 19.1525)

Have a look what the booklet for
XYZ(29.1843, 27.7768, 19.1525)
contains.

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Color

**XYZ(29.1843, 27.7768,
19.1525)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8870
RGB	174, 136, 112
RGB Percent	68%, 53%, 44%
CMY	0.3176, 0.4666, 0.5608
CMYK	0.00, 0.22, 0.36, 0.32
HSL	23°, 28%, 56%
HSV	23°, 36%, 68%
XYZ	29.1843, 27.7768, 19.1525
YIQ	144.6260, 30.3520, 0.5920

Conversions

Conversions Part 2

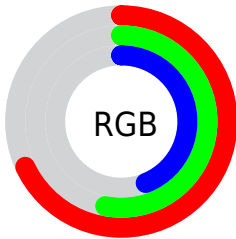
Format	Color
RYB	174, 151, 112
Decimal	11438192
CIELab	59.69, 11.08, 18.43
CIELCh	60, 21.509, 58.983
Yxy	27.7768, 0.3834, 0.3649
Android (android.graphics.Color)	4289628272 (0xFFAE8870)
YUV	144.6260, -16.0846, 25.7610
Hunter-Lab	52.7037, 6.6116, 15.3466




Details

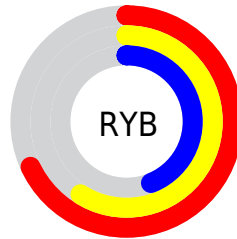
The XYZ color **29.1843, 27.7768, 19.1525** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.2280, 28.3124, 44.1795**, and the grayscale version is **26.8170, 28.2136, 30.7246**.




A 20% lighter version of the original color is **57.8534, 56.0645, 42.8943**, and **11.9989, 11.0188, 6.3449** is the 20% darker color. If you saturate the color by 10%, you get **26.8799, 24.5714, 14.0577**, and if you desaturate by 10%, it is **31.8269, 31.3586, 25.2843**.

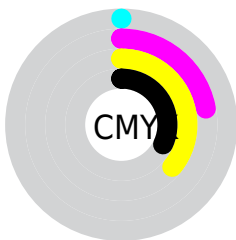
Distribution







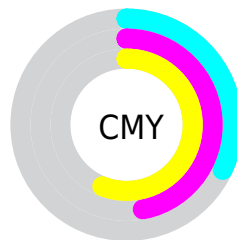
-  Red (68%)
-  Green (53%)
-  Blue (44%)






-  Red (68%)
-  Yellow (59%)
-  Blue (44%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (36%)
-  Black (32%)



-  Cyan (32%)
-  Magenta (47%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1843, 27.7768, 19.1525 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 29.1843, 27.7768, 19.1525 by changing the saturation by 10% instead.

■ 29.1843, 27.7768,
19.1525

■ 29.1843, 27.7768,
19.1525

290.0621,
291.3988, 259.7401

■ 19.3653, 18.1575,
11.6026

■ 57.7653, 56.1279,
42.8318

■ 12.0401, 11.0631,
6.3545

■ 77.2580, 75.6285,
59.7982

■ 6.8434, 6.1093,
2.9895

■ 100.7059, 99.1915,
80.7405

■ 3.4098, 2.9117,
1.0893

■ 128.4745,
127.2016, 106.0774

■ 1.3740, 1.0858,
0.0000

160.9291,
160.0429, 136.2272

■ 0.2376, 0.0000,
0.0000

198.4349,

■ 0.0000, 0.0000,

198.1000, 171.6086

0.0000

241.3575,
241.7572, 212.6400

■ 29.1843, 27.7768,
19.1525

■ 29.1843, 27.7768,
19.1525

■ 26.8799, 24.5714,
14.0577

■ 31.8269, 31.3586,
25.2843

■ 24.8962, 21.7254,
9.9397

■ 34.8195, 35.3252,
32.5053

■ 23.2176, 19.2263,
6.7348

■ 38.1762, 39.6896,
40.8660

■ 21.8259, 17.0591,
4.3707

■ 41.9095, 44.4630,
50.4135

■ 20.7004, 15.2076,
2.7641

■ 46.0313, 49.6560,
61.1919

■ 19.8161, 13.6531,
1.8092

■ 50.5530, 55.2790,
73.2434

■ 19.4845, 13.0566,
1.4932

■ 55.4853, 61.3418,
86.6079

■ 60.8388, 67.8542,
101.3237

■ 64.3552, 73.9181,
105.4835

Harmonies

Analogous

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



31.2375, 27.7768, 23.5609



29.1843, 27.7768, 19.1525



26.4938, 27.7768, 17.6201

Triad

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



29.1843, 27.7768, 19.1525



21.5165, 27.7768, 29.9796



29.0130, 27.7768, 45.3036

Complementary

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



29.1843, 27.7768, 19.1525



25.2280, 28.3124, 44.1795

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.



26.3085, 27.7768, 47.7969



29.1843, 27.7768, 19.1525



22.0914, 27.7768, 38.0851

Square

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



29.1843, 27.7768, 19.1525



22.1738, 27.7768, 23.1739



23.8006, 27.7768, 44.9570



31.1340, 27.7768, 38.6236

Rectangle

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



29.1843, 27.7768, 19.1525



24.7385, 27.7768, 18.1919



23.8006, 27.7768, 44.9570



28.1364, 27.7768, 46.7050

Sweetspot

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



29.1850, 27.7781, 19.1531



65.7780, 67.4989, 65.4298



28.7737, 22.7968, 31.8366



14.4433, 14.7722, 14.1042



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.1850, 27.7781, 19.1531



49.4944, 45.6075, 27.0896



34.1562, 37.7206, 20.8101



8.2500, 8.5048, 8.4201



14.1862, 9.5780, 1.1010



0.4486, 0.3745, 0.0486

Inverse Universe

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



25.2280, 28.3124, 44.1795



41.2002, 46.7062, 79.4806



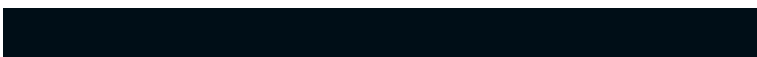
20.9470, 19.7503, 42.7525



7.9720, 8.5434, 10.1816



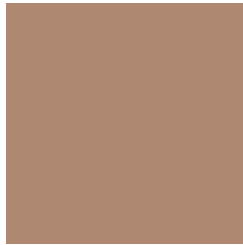
9.3860, 9.9059, 30.4618



0.3121, 0.3775, 0.8644

Previews

White Background



This preview shows how the XYZ color 29.1843, 27.7768, 19.1525 looks on a white background.

Color Contrast Check

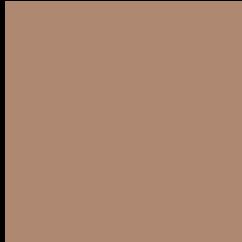
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1843, 27.7768, 19.1525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

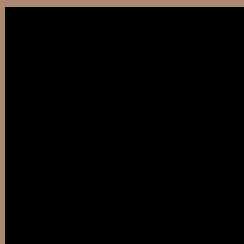
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1843, 27.7768, 19.1525

Background



This preview shows how black text looks on a background with the XYZ color 29.1843, 27.7768, 19.1525.



This preview shows how white text looks on a background with the XYZ color 29.1843, 27.7768,

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

29.1843, 27.7768, 19.1525

Protanopia

26.2625, 27.9798, 20.5395

Deuteranopia

28.3753, 27.7818, 19.1961



Tritanopia

31.2652, 27.8026, 29.3098

Trichromacy



Original Color

29.1843, 27.7768, 19.1525

Protanomaly

27.3173, 27.8646, 20.1583

Deuteranomaly

28.6649, 27.7191, 19.1688

Tritanomaly

30.3888, 27.6439, 25.2069

Monochromacy



Original Color

29.1843, 27.7768, 19.1525

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6169, 28.1074, 26.1600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1843, 27.7768, 19.1525 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(174, 136, 112)` looks like.

```
.text, #text, p{  
    color:rgb(174, 136, 112)  
}
```

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(174, 136, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 136, 112) }
```

Border

The CSS property to change the border of an element to XYZ 29.1843, 27.7768, 19.1525 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(174, 136, 112) }
```


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

```
.border{ border-color:rgb(174, 136, 112) }
```

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

Here you see how a box with a 4 pixel rgb(174, 136, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 136, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 136, 112);  
box-shadow:4px 4px 4px 4px rgb(174, 136,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1843, 27.7768, 19.1525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 136, 112) }
```

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

```
.background{ background-color: rgb(174,  
136, 112) }
```

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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