

Converting Colors

XYZ(29.4692, 26.6603, 26.2085)

Have a look what the booklet for
XYZ(29.4692, 26.6603, 26.2085)
contains.

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Color

**XYZ(29.4326, 26.7245,
26.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8386
RGB	172, 131, 134
RGB Percent	67%, 51%, 53%
CMY	0.3255, 0.4863, 0.4745
CMYK	0.00, 0.24, 0.22, 0.33
HSL	356°, 20%, 59%
HSV	356°, 24%, 67%
XYZ	29.4326, 26.7245, 26.1613
YIQ	143.6010, 23.4730, 9.6250

Conversions

Conversions Part 2

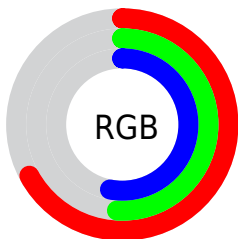
Format	Color
R_{YB}	172, 131, 134
Decimal	11305862
CIE _{Lab}	58.72, 16.21, 4.49
CIE _{LCh}	59, 16.820, 15.479
Yxy	26.7245, 0.3575, 0.3246
Android (android.graphics.Color)	4289495942 (0xFFAC8386)
YUV	143.6010, -4.7333, 24.9059
Hunter-Lab	51.6957, 11.1601, 6.1825

Details

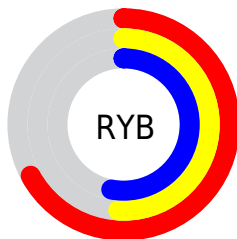
The XYZ color **29.4326, 26.7245, 26.1613** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2751, 37.1955, 43.0691**, and the grayscale version is **26.3613, 27.7341, 30.2025**.

A 20% lighter version of the original color is **58.1050, 54.3628, 54.4443**, and **12.1504, 10.4469, 9.7636** is the 20% darker color. If you saturate the color by 10%, you get **26.2820, 22.0706, 20.0325**, and if you desaturate by 10%, it is **33.1358, 32.2149, 33.3021**.

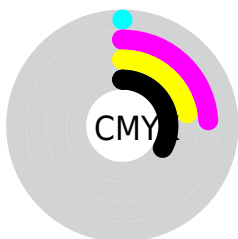
Distribution



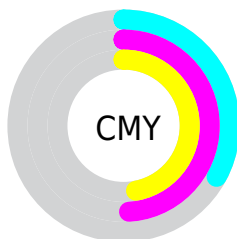
- Red (67%)
- Green (51%)
- Blue (53%)



- Red (67%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4326, 26.7245, 26.1613 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 29.4326, 26.7245, 26.1613 by changing the saturation by 10% instead.

■ 29.4326, 26.7245,
26.1613

■ 29.4326, 26.7245,
26.1613

291.2082,
286.3207, 297.2036

■ 19.5542, 17.3664,
16.7175

■ 58.1565, 54.4415,
54.5223

■ 12.1778, 10.4961,
9.8735

■ 77.7328, 73.5691,
74.2766

■ 6.9380, 5.7291,
5.2106

■ 101.2724, 96.7221,
98.3049

■ 3.4693, 2.6811,
2.3105

129.1407,
124.2848, 127.0255

■ 1.4065, 0.9676,
0.7371

161.7031,
156.6417, 160.8572

■ 0.2609, 0.0000,
0.0000

199.3249,

■ 0.0000, 0.0000,

194.1770, 200.2184

0.0000

242.3715,
237.2752, 245.5277

■ 29.4326, 26.7245,
26.1613

■ 29.4326, 26.7245,
26.1613

■ 26.2820, 22.0706,
20.0325

■ 33.1358, 32.2149,
33.3021

■ 23.6555, 18.2087,
14.8682

■ 37.4140, 38.5761,
41.4959

■ 21.5252, 15.0958,
10.6198

■ 42.2912, 45.8451,
50.7836

■ 19.8598, 12.6833,
7.2338

■ 47.7891, 54.0555,
61.2035

■ 18.6245, 10.9168,
4.6510

■ 53.9286, 63.2392,
72.7918

■ 17.7794, 9.7341,
2.8047

■ 60.7293, 73.4268,
85.5834

■ 17.2772, 9.0605,
1.6177

■ 68.2103, 84.6474,
99.6115

■ 17.0832, 8.7986,
1.1644

■ 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



29.4516, 26.7245, 32.0509



29.4326, 26.7245, 26.1613



28.2948, 26.7245, 21.7049

Triad

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



29.4326, 26.7245, 26.1613



22.6676, 26.7245, 21.8159



24.4160, 26.7245, 41.5857

Complementary

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



29.4326, 26.7245, 26.1613



31.2751, 37.1955, 43.0691

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.



22.7112, 26.7245, 38.0051



29.4326, 26.7245, 26.1613



21.7396, 26.7245, 26.3331

Square

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



29.4326, 26.7245, 26.1613



24.3534, 26.7245, 19.4381



21.7552, 26.7245, 32.2476



26.4779, 26.7245, 41.5231

Rectangle

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



29.4326, 26.7245, 26.1613



27.0886, 26.7245, 19.9116



21.7552, 26.7245, 32.2476



23.7846, 26.7245, 40.7490

Sweetspot

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



29.4333, 26.7257, 26.1618



65.2025, 66.0064, 70.1723



31.8364, 27.6014, 42.6795



14.0727, 14.2000, 15.0640



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.



29.4333, 26.7257, 26.1618



50.0266, 43.5024, 40.9202



31.7137, 31.6163, 25.9054



8.0281, 8.0245, 8.4589



12.7210, 6.5510, 0.9105



0.3614, 0.1852, 0.0649

Inverse Universe

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



29.4333, 26.7257, 26.1618



50.0266, 43.5024, 40.9202



28.5150, 31.2198, 43.5529



8.0281, 8.0245, 8.4589



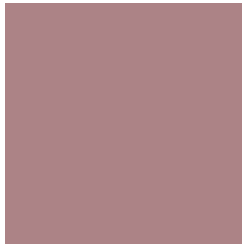
12.7210, 6.5510, 0.9105



0.3614, 0.1852, 0.0649

Previews

White Background



This preview shows how the XYZ color 29.4326, 26.7245, 26.1613 looks on a white background.

Color Contrast Check

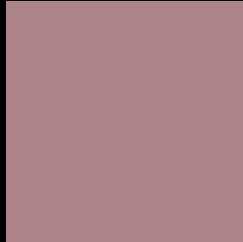
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4326, 26.7245, 26.1613 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 29.4326, 26.7245, 26.1613

Background



This preview shows how black text looks on a background with the XYZ color 29.4326, 26.7245, 26.1613.



This preview shows how white text looks on a background with the XYZ color 29.4326, 26.7245,

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

29.4326, 26.7245, 26.1613

Protanopia

25.6867, 26.8431, 28.2535

Deuteranopia

27.2798, 26.8539, 25.9358



Tritanopia

29.9498, 26.7429, 28.3943

Trichromacy



Original Color

29.4326, 26.7245, 26.1613

Protanomaly

26.7874, 26.5675, 27.3831

Deuteranomaly

28.0019, 26.8079, 25.8889

Tritanomaly

29.8037, 26.6845, 27.6246

Monochromacy



Original Color

29.4326, 26.7245, 26.1613

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.2927, 27.2287, 28.6281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4326, 26.7245, 26.1613 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, 131, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 131, 134)  
}
```

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, 131, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 131, 134) }
```

Border

The CSS property to change the border of an element to XYZ 29.4326, 26.7245, 26.1613 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, 131, 134) }
```


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

```
.border{ border-color:rgb(172, 131, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 131, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 131, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 131, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 131,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4326, 26.7245, 26.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 131, 134) }
```

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

```
.background{ background-color: rgb(172,  
131, 134) }
```

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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