

Converting Colors

XYZ(29.6240, 28.3736, 26.1062)

Have a look what the booklet for
XYZ(29.6240, 28.3736, 26.1062)
contains.

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Color

**XYZ(29.4706, 28.1952,
26.0793)**

Conversions

Conversions Part 1

Format	Color
Hex	A88A85
RGB	168, 138, 133
RGB Percent	66%, 54%, 52%
CMY	0.3412, 0.4588, 0.4784
CMYK	0.00, 0.18, 0.21, 0.34
HSL	9°, 17%, 59%
HSV	9°, 21%, 66%
XYZ	29.4706, 28.1952, 26.0793
YIQ	146.4000, 19.4850, 4.8050

Conversions

Conversions Part 2

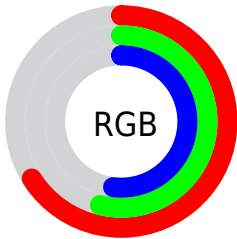
Format	Color
R_{YB}	168, 139, 133
Decimal	11045509
CIE _{Lab}	60.06, 10.55, 6.94
CIE _{LCh}	60, 12.631, 33.331
Yxy	28.1952, 0.3519, 0.3367
Android (android.graphics.Color)	4289235589 (0xFFA88A85)
YUV	146.4000, -6.6062, 18.9432
Hunter-Lab	53.0992, 6.1459, 8.0495

Details

The XYZ color **29.4706, 28.1952, 26.0793** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.8378, 34.0075, 42.0376**, and the grayscale version is **27.5071, 28.9396, 31.5152**.

A 20% lighter version of the original color is **58.2342, 56.6541, 54.3204**, and **12.1602, 11.2644, 9.9208** is the 20% darker color. If you saturate the color by 10%, you get **26.4710, 23.9071, 19.8038**, and if you desaturate by 10%, it is **32.9313, 33.1079, 33.4251**.

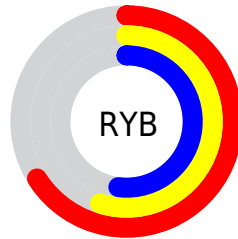
Distribution



Red (66%)

Green (54%)

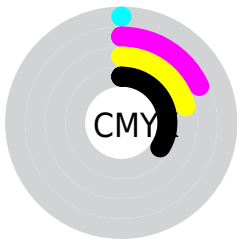
Blue (52%)



Red (66%)

Yellow (55%)

Blue (52%)

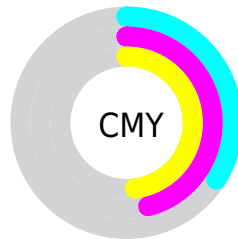


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4706, 28.1952, 26.0793 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 29.4706, 28.1952, 26.0793 by changing the saturation by 10% instead.

■ 29.4706, 28.1952,
26.0793

■ 29.4706, 28.1952,
26.0793

291.3833,
293.3985, 296.7890

■ 19.5832, 18.4729,
16.6567

■ 58.2163, 56.7959,
54.3885

■ 12.1989, 11.2900,
9.8307

■ 77.8054, 76.4431,
74.1122

■ 6.9525, 6.2622,
5.1827

■ 101.3590,
100.1674, 98.1066

■ 3.4785, 3.0052,
2.2942

129.2426,
128.3531, 126.7903

■ 1.4115, 1.1344,
0.7280

161.8214,
161.3847, 160.5819

■ 0.2644, 0.0072,
0.0000

199.4609,

■ 0.0000, 0.0000,

199.6465, 199.8998

0.0000

242.5264,
243.5230, 245.1627

■ 29.4706, 28.1952,
26.0793

■ 29.4706, 28.1952,
26.0793

■ 26.4710, 23.9071,
19.8038

■ 32.9313, 33.1079,
33.4251

■ 23.9107, 20.2148,
14.5468

■ 36.8692, 38.6649,
41.8861

■ 21.7695, 17.0931,
10.2550

■ 41.3023, 44.8897,
51.5068

■ 20.0248, 14.5133,
6.8695

■ 46.2470, 51.8036,
62.3287

■ 18.6518, 12.4443,
4.3248

■ 51.7192, 59.4267,
74.3913

■ 17.6228, 10.8517,
2.5466

■ 57.7337, 67.7786,
87.7322

■ 16.9059, 9.6970,
1.4477

■ 64.3050, 76.8779,
102.3876

■ 16.4755, 8.9787,
0.8647

■ 69.3851, 85.9178,
107.5346

■ 69.9586, 87.0649,
107.7257

Harmonies

Analogous

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



30.0111, 28.1952, 30.1873



29.4706, 28.1952, 26.0793



28.2130, 28.1952, 23.4360

Triad

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



29.4706, 28.1952, 26.0793



24.1252, 28.1952, 26.8882



26.9790, 28.1952, 40.4335

Complementary

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



29.4706, 28.1952, 26.0793



29.8378, 34.0075, 42.0376

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.



25.4325, 28.1952, 39.3279



29.4706, 28.1952, 26.0793



23.8241, 28.1952, 31.2180

Square

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



29.4706, 28.1952, 26.0793



25.1327, 28.1952, 23.8691



24.2934, 28.1952, 35.8361



28.5368, 28.1952, 38.7232

Rectangle

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



29.4706, 28.1952, 26.0793



27.1600, 28.1952, 22.7056



24.2934, 28.1952, 35.8361



26.4406, 28.1952, 40.3794

Sweetspot

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



29.4714, 28.1965, 26.0799



63.0230, 64.6926, 67.6483



31.1771, 27.7566, 38.5219



13.6413, 13.9661, 14.5405



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.



29.4714, 28.1965, 26.0799



50.8595, 47.4279, 41.8212



32.1316, 33.5169, 26.9666



7.6144, 7.7089, 7.8759



12.4654, 6.8281, 0.6610



0.3283, 0.2163, 0.0244

Inverse Universe

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



29.8378, 34.0075, 42.0376



51.6434, 59.8926, 76.0636



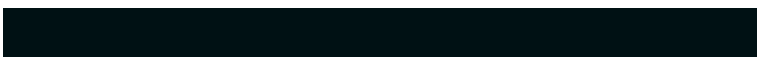
26.9944, 28.3206, 41.0898



7.6548, 8.3465, 9.6259



12.8957, 17.2517, 30.6257



0.3379, 0.4680, 0.7532

Previews

White Background



This preview shows how the XYZ color 29.4706, 28.1952, 26.0793 looks on a white background.

Color Contrast Check

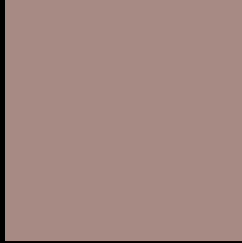
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4706, 28.1952, 26.0793 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 29.4706, 28.1952, 26.0793

Background



This preview shows how black text looks on a background with the XYZ color 29.4706, 28.1952, 26.0793.



This preview shows how white text looks on a background with the XYZ color 29.4706, 28.1952,

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

29.4706, 28.1952, 26.0793

Protanopia

26.9949, 28.2081, 27.3145

Deuteranopia

28.7160, 28.2362, 26.1269



Tritanopia

30.6482, 28.2610, 31.4433

Trichromacy



Original Color

29.4706, 28.1952, 26.0793

Protanomaly

27.9508, 28.2634, 26.9039

Deuteranomaly

28.9833, 28.1580, 26.0978

Tritanomaly

30.1903, 28.2793, 29.4584

Monochromacy



Original Color

29.4706, 28.1952, 26.0793

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9566, 28.4380, 29.2149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4706, 28.1952, 26.0793 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(168, 138, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 133)  
}
```

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(168, 138, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 133) }
```

Border

The CSS property to change the border of an element to XYZ 29.4706, 28.1952, 26.0793 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(168, 138, 133) }
```


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

```
.border{ border-color:rgb(168, 138, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 133);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4706, 28.1952, 26.0793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 133) }
```

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

```
.background{ background-color: rgb(168,  
138, 133) }
```

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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