

Converting Colors

XYZ(29.2735, 27.3018, 26.1512)

Have a look what the booklet for
XYZ(29.2735, 27.3018, 26.1512)
contains.

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Color

**XYZ(29.1904, 27.2064,
26.2671)**

Conversions

Conversions Part 1

Format	Color
Hex	A98686
RGB	169, 134, 134
RGB Percent	66%, 53%, 53%
CMY	0.3373, 0.4745, 0.4745
CMYK	0.00, 0.21, 0.21, 0.34
HSL	0°, 17%, 59%
HSV	0°, 21%, 66%
XYZ	29.1904, 27.2064, 26.2671
YIQ	144.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

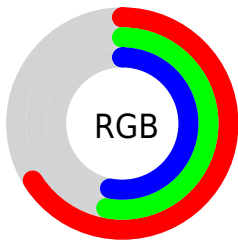
Format	Color
R_{YB}	169, 134, 134
Decimal	11110022
CIE Lab	59.16, 13.36, 5.09
CIE LCh	59, 14.293, 20.868
Yxy	27.2064, 0.3531, 0.3291
Android (android.graphics.Color)	4289300102 (0xFFA98686)
YUV	144.4650, -5.1592, 21.5172
Hunter-Lab	52.1598, 8.6152, 6.6540

Details

The XYZ color **29.1904, 27.2064, 26.2671** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1807, 36.3082, 42.9013**, and the grayscale version is **26.7117, 28.1028, 30.6040**.

A 20% lighter version of the original color is **57.7913, 55.1361, 54.6101**, and **11.9730, 10.6937, 9.8206** is the 20% darker color. If you saturate the color by 10%, you get **25.9527, 22.4690, 19.8298**, and if you desaturate by 10%, it is **32.9912, 32.7681, 33.8221**.

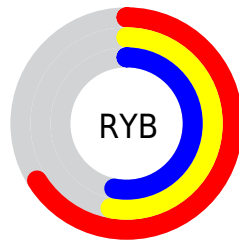
Distribution



Red (66%)

Green (53%)

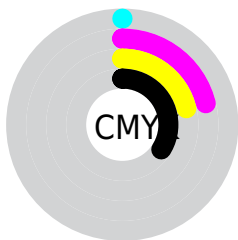
Blue (53%)



Red (66%)

Yellow (53%)

Blue (53%)

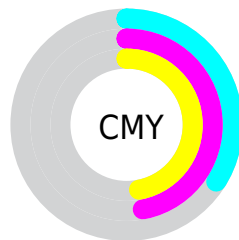


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (34%)



Cyan (34%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1904, 27.2064, 26.2671 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 29.1904, 27.2064, 26.2671 by changing the saturation by 10% instead.


 29.1904, 27.2064,
26.2671


 29.1904, 27.2064,
26.2671

290.0903,
288.6551, 297.7379


 19.3699, 17.7283,
16.7960


 57.7749, 55.2149,
54.6949

 12.0435, 10.7551,
9.9287


 77.2697, 74.5141,
74.4887

 6.8457, 5.9024,
5.2467


 100.7199, 97.8557,
98.5604

 3.4113, 2.7858,
2.3315

128.4909,
125.6243, 127.3287

 1.3748, 1.0210,
0.7488

160.9481,
158.2041, 161.2121

 0.2382, 0.0000,
0.0000

198.4568,

 0.0000, 0.0000,

195.9796, 200.6290

0.0000

241.3824,
239.3351, 245.9981

■ 29.1904, 27.2064,
26.2671

■ 29.1904, 27.2064,
26.2671

■ 25.9527, 22.4690,
19.8298

■ 32.9912, 32.7681,
33.8221

■ 23.2494, 18.5131,
14.4556

■ 37.3777, 39.1868,
42.5425

■ 21.0522, 15.2980,
10.0879

■ 42.3740, 46.4978,
52.4753

■ 19.3298, 12.7776,
6.6639

■ 48.0023, 54.7334,
63.6645

■ 18.0472, 10.9007,
4.1143

■ 54.2835, 63.9244,
76.1518

■ 17.1645, 9.6090,
2.3597

■ 61.2376, 74.1001,
89.9769

■ 16.6347, 8.8338,
1.3069

■ 68.8838, 85.2884,
105.1779

■ 16.3625, 8.4354,
0.7658

■ 70.1724, 87.1751,
107.7357

Harmonies

Analogous

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



29.3872, 27.2064, 31.2061



29.1904, 27.2064, 26.2671



28.0795, 27.2064, 22.6521

Triad

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



29.1904, 27.2064, 26.2671



23.2940, 27.2064, 23.8579



25.3195, 27.2064, 40.3924

Complementary

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



29.1904, 27.2064, 26.2671



31.1807, 36.3082, 42.9013

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.



23.7585, 27.2064, 37.8951



29.1904, 27.2064, 26.2671



22.6249, 27.2064, 28.0946

Square

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



29.1904, 27.2064, 26.2671



24.6588, 27.2064, 21.3760



22.7910, 27.2064, 33.2535



27.0972, 27.2064, 39.7579

Rectangle

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



29.1904, 27.2064, 26.2671



26.9968, 27.2064, 21.2944



22.7910, 27.2064, 33.2535



24.7533, 27.2064, 39.8816

Sweetspot

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



29.1911, 27.2076, 26.2677



62.5674, 63.7813, 67.4964



32.0491, 28.3502, 41.3195



13.5329, 13.7493, 14.5044



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.



29.1911, 27.2076, 26.2677



49.4091, 44.5271, 41.3377



31.8129, 32.4512, 27.1416



7.5312, 7.5424, 7.8482



12.1948, 6.2869, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



31.1807, 36.3082, 42.9013



53.6424, 63.8907, 76.7300



28.1406, 30.2278, 41.8879



7.7475, 8.5320, 9.6568



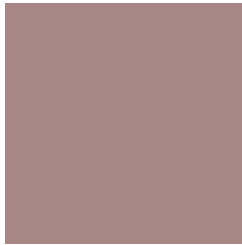
15.9096, 23.2795, 31.6304



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 29.1904, 27.2064, 26.2671 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 29.1904, 27.2064, 26.2671 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 29.1904, 27.2064, 26.2671

Background



This preview shows how black text looks on a background with the XYZ color 29.1904, 27.2064, 26.2671.



This preview shows how white text looks on a background with the XYZ color 29.1904, 27.2064,

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

29.1904, 27.2064, 26.2671

Protanopia

26.1145, 27.2920, 27.9363

Deuteranopia

27.8193, 27.3440, 26.0020



Tritanopia

29.9230, 27.3043, 29.6797

Trichromacy



Original Color

29.1904, 27.2064, 26.2671

Protanomaly

27.0744, 27.1414, 27.4788

Deuteranomaly

28.2836, 27.3713, 25.9828

Tritanomaly

29.6987, 27.2146, 28.4986

Monochromacy



Original Color

29.1904, 27.2064, 26.2671

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.2486, 27.4219, 28.6677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1904, 27.2064, 26.2671 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 134, 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(169, 134, 134) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 29.1904, 27.2064, 26.2671 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, 134) }
```


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

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

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, 134)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 29.1904, 27.2064, 26.2671 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, 134) }
```

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

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