

Converting Colors

XYZ(29.2154, 25.8062, 31.4720)

Have a look what the booklet for
XYZ(29.2154, 25.8062, 31.4720)
contains.

XYZ(29.2129, 25.9013, 31.4767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2129, 25.9013,
31.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	A88094
RGB	168, 128, 148
RGB Percent	66%, 50%, 58%
CMY	0.3412, 0.4980, 0.4196
CMYK	0.00, 0.24, 0.12, 0.34
HSL	330°, 19%, 58%
HSV	330°, 24%, 66%
XYZ	29.2129, 25.9013, 31.4767
YIQ	142.2400, 17.4200, 14.7000

Conversions

Conversions Part 2

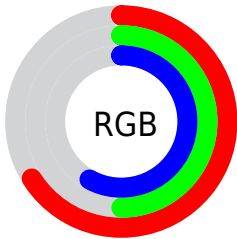
Format	Color
R_{YB}	168, 128, 148
Decimal	11042964
CIE Lab	57.94, 18.71, -4.75
CIE LCh	58, 19.303, 345.740
Yxy	25.9013, 0.3374, 0.2991
Android (android.graphics.Color)	4289233044 (0xFFA88094)
YUV	142.2400, 2.8397, 22.5915
Hunter-Lab	50.8933, 13.3962, -1.0446

Details

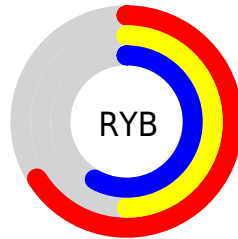
The XYZ color **29.2129, 25.9013, 31.4767** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.2511, 34.7332, 33.2338**, and the grayscale version is **25.7911, 27.1342, 29.5491**.

A 20% lighter version of the original color is **57.9250, 53.1593, 63.0849**, and **11.9523, 9.9567, 12.6011** is the 20% darker color. If you saturate the color by 10%, you get **26.5595, 21.6200, 27.4299**, and if you desaturate by 10%, it is **32.2789, 30.9298, 35.8998**.

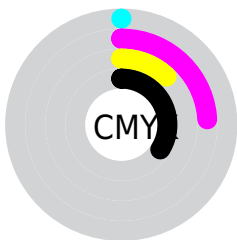
Distribution



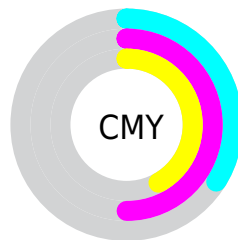
- Red (66%)
- Green (50%)
- Blue (58%)



- Red (66%)
- Yellow (50%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2129, 25.9013, 31.4767 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 29.2129, 25.9013, 31.4767 by changing the saturation by 10% instead.

■ 29.2129, 25.9013,
31.4767

■ 29.2129, 25.9013,
31.4767

290.1943,
282.2972, 323.1474

■ 19.3870, 16.7498,
20.7006

■ 57.8104, 53.1157,
63.0782

■ 12.0559, 10.0563,
12.7162

■ 77.3127, 71.9474,
84.7406

■ 6.8542, 5.4363,
7.1050

■ 100.7712, 94.7746,
110.8689

■ 3.4166, 2.5055,
3.4484

128.5513,
121.9817, 141.8817

■ 1.3777, 0.8794,
1.3279

161.0183,
153.9531, 178.1973

■ 0.2403, 0.0000,
0.0845

198.5376,

■ 0.0000, 0.0000,

191.0733, 220.2345

0.0000

241.4744,
233.7265, 268.4117

■ 29.2129, 25.9013,
31.4767

■ 29.2129, 25.9013,
31.4767

■ 26.5595, 21.6200,
27.4299

■ 32.2789, 30.9298,
35.8998

■ 24.2976, 18.0465,
23.7463

■ 35.7728, 36.7358,
40.7083

■ 22.4075, 15.1426,
20.4147

■ 39.7120, 43.3518,
45.9129

■ 20.8668, 12.8655,
17.4221

■ 44.1121, 50.8078,
51.5234

■ 19.6508, 11.1671,
14.7547

■ 48.9879, 59.1320,
57.5493

■ 18.7308, 9.9924,
12.3971

■ 54.3537, 68.3513,
63.9997

■ 18.0729, 9.2753,
10.3321

■ 60.2229, 78.4916,
70.8833

■ 17.7486, 8.9649,
9.1811

■ 64.2009, 84.7618,
77.4061

■ 65.3099, 85.2054,
83.2461

Harmonies

Analogous

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



27.9627, 25.9013, 38.1204



29.2129, 25.9013, 31.4767



29.1794, 25.9013, 24.8679

Triad

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



29.2129, 25.9013, 31.4767



23.4249, 25.9013, 17.5820



21.6268, 25.9013, 38.4071

Complementary

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



29.2129, 25.9013, 31.4767



28.2511, 34.7332, 33.2338

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.



20.5593, 25.9013, 31.8217



29.2129, 25.9013, 31.4767



21.5520, 25.9013, 20.1732

Square

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



29.2129, 25.9013, 31.4767



25.7367, 25.9013, 17.5196



20.5328, 25.9013, 25.1629



23.5330, 25.9013, 42.5284

Rectangle

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



29.2129, 25.9013, 31.4767



28.4303, 25.9013, 21.3619



20.5328, 25.9013, 25.1629



21.1634, 25.9013, 36.3657

Sweetspot

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



29.2136, 25.9025, 31.4772



62.7208, 63.0026, 70.8939



27.0008, 24.5627, 40.3641



13.5922, 13.6016, 15.3448



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.



29.2136, 25.9025, 31.4772



50.1656, 42.3933, 52.8330



27.7648, 25.3229, 23.8480



7.6816, 7.6025, 8.6408



13.4288, 6.7802, 7.0696



0.3526, 0.1753, 0.3081

Inverse Universe

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



29.2136, 25.9025, 31.4772



50.1656, 42.3933, 52.8330



29.9734, 35.4222, 42.3035



7.6816, 7.6025, 8.6408



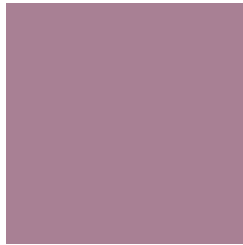
13.4288, 6.7802, 7.0696



0.3526, 0.1753, 0.3081

Previews

White Background



This preview shows how the XYZ color 29.2129, 25.9013, 31.4767 looks on a white background.

Color Contrast Check

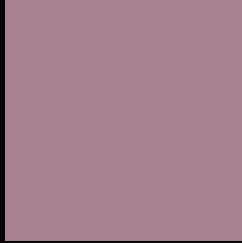
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2129, 25.9013, 31.4767 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 29.2129, 25.9013, 31.4767

Background



This preview shows how black text looks on a background with the XYZ color 29.2129, 25.9013, 31.4767.



This preview shows how white text looks on a background with the XYZ color 29.2129, 25.9013,

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

29.2129, 25.9013, 31.4767

Protanopia

25.5466, 26.2016, 34.2828

Deuteranopia

26.5081, 25.9186, 31.2094



Tritanopia

28.4468, 25.7801, 27.9028

Trichromacy



Original Color

29.2129, 25.9013, 31.4767

Protanomaly

26.7259, 25.9845, 33.3127

Deuteranomaly

27.4224, 25.7772, 31.1339

Tritanomaly

28.6691, 25.8690, 29.0734

Monochromacy



Original Color

29.2129, 25.9013, 31.4767

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.7422, 26.4842, 30.0881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2129, 25.9013, 31.4767 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, 128, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 128, 148)  
}
```

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, 128, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 128, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.2129, 25.9013, 31.4767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

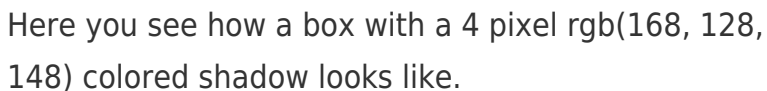
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 128, 148) }
```


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

```
.border{ border-color:rgb(168, 128, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 128, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 128, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 128, 148); box-shadow:4px 4px 4px 4px rgb(168, 128, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2129, 25.9013, 31.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 128, 148) }
```

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

```
.background{ background-color: rgb(168,  
128, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor