

Converting Colors

XYZ(29.1460, 25.8318, 28.9714)

Have a look what the booklet for
XYZ(29.1460, 25.8318, 28.9714)
contains.

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Color

**XYZ(29.1792, 25.9374,
29.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	AA808E
RGB	170, 128, 142
RGB Percent	67%, 50%, 56%
CMY	0.3333, 0.4980, 0.4431
CMYK	0.00, 0.25, 0.16, 0.33
HSL	340°, 20%, 58%
HSV	340°, 25%, 67%
XYZ	29.1792, 25.9374, 29.0597
YIQ	142.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

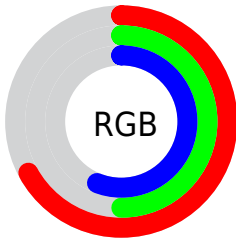
Format	Color
R_{YB}	170, 128, 142
Decimal	11174030
CIE Lab	57.98, 18.43, -1.22
CIE LCh	58, 18.470, 356.212
Yxy	25.9374, 0.3466, 0.3081
Android (android.graphics.Color)	4289364110 (0xFFAA808E)
YUV	142.1540, -0.0759, 24.4209
Hunter-Lab	50.9288, 13.1447, 1.8196

Details

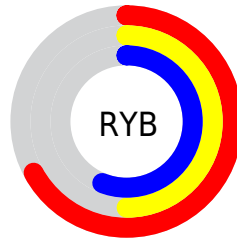
The XYZ color **29.1792, 25.9374, 29.0597** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.2786, 35.7396, 36.8095**, and the grayscale version is **25.7673, 27.1092, 29.5219**.

A 20% lighter version of the original color is **57.8517, 53.2020, 59.4445**, and **11.9923, 10.0034, 11.4240** is the 20% darker color. If you saturate the color by 10%, you get **26.3367, 21.5456, 24.1251**, and if you desaturate by 10%, it is **32.4812, 31.1092, 34.5750**.

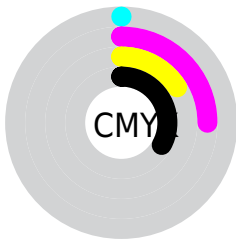
Distribution



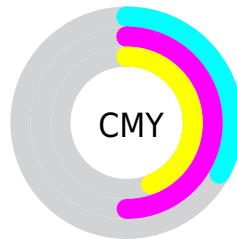
- Red (67%)
- Green (50%)
- Blue (56%)



- Red (67%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1792, 25.9374, 29.0597 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 29.1792, 25.9374, 29.0597 by changing the saturation by 10% instead.

■ 29.1792, 25.9374,
29.0597

■ 29.1792, 25.9374,
29.0597

290.0385,
282.4746, 311.5663

■ 19.3614, 16.7768,
18.8800

■ 57.7573, 53.1739,
59.2152

■ 12.0373, 10.0755,
11.4077

■ 77.2482, 72.0187,
80.0282

■ 6.8414, 5.4490,
6.2241

■ 100.6943, 94.8603,
105.2226

■ 3.4086, 2.5131,
2.9109

128.4608,
122.0831, 135.2171

■ 1.3733, 0.8832,
1.0493

160.9131,
154.0715, 170.4302

■ 0.2371, 0.0000,
0.0000

198.4166,

■ 0.0000, 0.0000,

191.2100, 211.2804

0.0000

241.3366,
233.8829, 258.1862

■ 29.1792, 25.9374,
29.0597

■ 29.1792, 25.9374,
29.0597

■ 26.3367, 21.5456,
24.1251

■ 32.4812, 31.1092,
34.5750

■ 23.9305, 17.8922,
19.7499

■ 36.2602, 37.0929,
40.6882

■ 21.9385, 14.9371,
15.9137

■ 40.5355, 43.9228,
47.4176

■ 20.3358, 12.6351,
12.5943

■ 45.3244, 51.6303,
54.7803

■ 19.0945, 10.9353,
9.7675

■ 50.6438, 60.2452,
62.7926

■ 18.1830, 9.7794,
7.4071

■ 56.5094, 69.7957,
71.4704

■ 17.5631, 9.0967,
5.4833

■ 62.9364, 80.3090,
80.8287

■ 17.3077, 8.8381,
4.6201

■ 66.9992, 85.9307,
89.9023

■ 68.6681, 86.5983,
98.6909

Harmonies

Analogous

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



28.3873, 25.9374, 35.6287



29.1792, 25.9374, 29.0597



28.6994, 25.9374, 23.1614

Triad

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



29.1792, 25.9374, 29.0597



22.8085, 25.9374, 18.6022



22.3462, 25.9374, 39.7148

Complementary

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



29.1792, 25.9374, 29.0597



29.2786, 35.7396, 36.8095

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.



21.0055, 25.9374, 34.0147



29.1792, 25.9374, 29.0597



21.2609, 25.9374, 21.9531

Square

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



29.1792, 25.9374, 29.0597



24.9368, 25.9374, 17.6829



20.6204, 25.9374, 27.4386



24.3708, 25.9374, 42.3379

Rectangle

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



29.1792, 25.9374, 29.0597



27.7376, 25.9374, 20.2779



20.6204, 25.9374, 27.4386



21.8055, 25.9374, 38.0568

Sweetspot

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



29.1799, 25.9386, 29.0602



64.0470, 64.5311, 71.0348



28.6861, 25.4099, 41.4231



14.1929, 14.2481, 15.6966



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.



29.1799, 25.9386, 29.0602



49.8322, 42.2403, 47.3713



29.1387, 27.4337, 24.1830



7.6304, 7.5820, 8.3709



12.7552, 6.5108, 3.5226



0.3339, 0.1679, 0.2100

Inverse Universe

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



29.1799, 25.9386, 29.0602



49.8322, 42.2403, 47.3713



29.2558, 33.6866, 42.9906



7.6304, 7.5820, 8.3709



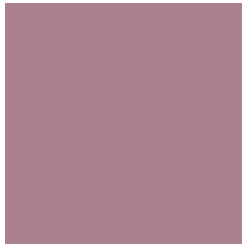
12.7552, 6.5108, 3.5226



0.3339, 0.1679, 0.2100

Previews

White Background



This preview shows how the XYZ color 29.1792, 25.9374, 29.0597 looks on a white background.

Color Contrast Check

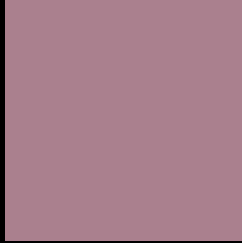
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1792, 25.9374, 29.0597 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 29.1792, 25.9374, 29.0597

Background



This preview shows how black text looks on a background with the XYZ color 29.1792, 25.9374, 29.0597.



This preview shows how white text looks on a background with the XYZ color 29.1792, 25.9374,

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

29.1792, 25.9374, 29.0597

Protanopia

25.3931, 26.1788, 31.7316

Deuteranopia

26.4206, 25.9264, 28.8111



Tritanopia

29.0153, 26.0815, 27.5497

Trichromacy



Original Color

29.1792, 25.9374, 29.0597

Protanomaly

26.6148, 25.9826, 30.8065

Deuteranomaly

27.3571, 25.7965, 28.7367

Tritanomaly

29.0880, 26.1106, 27.9328

Monochromacy



Original Color

29.1792, 25.9374, 29.0597

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.7770, 26.5197, 29.2987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1792, 25.9374, 29.0597 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(170, 128, 142)` looks like.

```
.text, #text, p{  
    color:rgb(170, 128, 142)  
}
```

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(170, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 128, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.1792, 25.9374, 29.0597 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(170, 128, 142) }
```


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

```
.border{ border-color:rgb(170, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(170, 128,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1792, 25.9374, 29.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 128, 142) }
```

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

```
.background{ background-color: rgb(170,  
128, 142) }
```

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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