

Converting Colors

XYZ(29.2708, 29.0664, 31.2284)

Have a look what the booklet for
XYZ(29.2708, 29.0664, 31.2284)
contains.

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Color

**XYZ(29.3088, 29.0912,
31.2645)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8F92
RGB	159, 143, 146
RGB Percent	62%, 56%, 57%
CMY	0.3765, 0.4392, 0.4274
CMYK	0.00, 0.10, 0.08, 0.38
HSL	349°, 8%, 59%
HSV	349°, 10%, 62%
XYZ	29.3088, 29.0912, 31.2645
YIQ	148.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

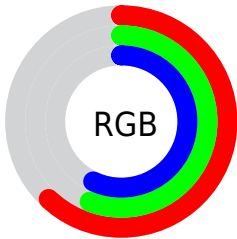
Format	Color
R_{YB}	159, 143, 146
Decimal	10456978
CIE Lab	60.86, 6.50, 0.58
CIE LCh	61, 6.521, 5.063
Yxy	29.0912, 0.3269, 0.3244
Android (android.graphics.Color)	4288647058 (0xFF9F8F92)
YUV	148.1260, -1.0481, 9.5365
Hunter-Lab	53.9363, 2.6079, 3.3876

Details

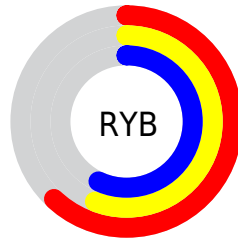
The XYZ color **29.3088, 29.0912, 31.2645** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7277, 33.0369, 36.2640**, and the grayscale version is **28.2033, 29.6721, 32.3129**.

A 20% lighter version of the original color is **58.1231, 58.3988, 62.8523**, and **12.2100, 11.8614, 12.7123** is the 20% darker color. If you saturate the color by 10%, you get **26.1401, 24.2723, 25.5264**, and if you desaturate by 10%, it is **32.9311, 34.6348, 37.7150**.

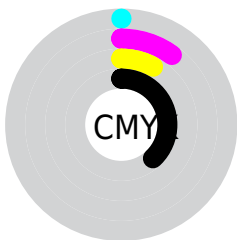
Distribution



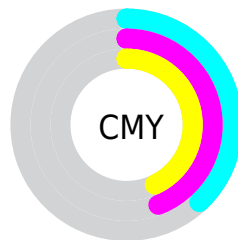
- Red (62%)
- Green (56%)
- Blue (57%)



- Red (62%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3088, 29.0912, 31.2645 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 29.3088, 29.0912, 31.2645 by changing the saturation by 10% instead.

■ 29.3088, 29.0912,
31.2645

■ 29.3088, 29.0912,
31.2645

290.6372,
297.6450, 322.1439

■ 19.4600, 19.1498,
20.5402

■ 57.9615, 58.2220,
62.7407

■ 12.1091, 11.7786,
12.6004

■ 77.4962, 78.1801,
84.3297

■ 6.8908, 6.5931,
7.0265

■ 100.9901,
102.2460, 110.3773

■ 3.4396, 3.2090,
3.4000

128.8087,
130.8040, 141.3021

■ 1.3903, 1.2418,
1.3023

161.3174,
164.2385, 177.5226

■ 0.2493, 0.0954,
0.0637

198.8815,

■ 0.0000, 0.0000,

202.9339, 219.4574

0.0000

241.8663,
247.2746, 267.5250

■ 29.3088, 29.0912,
31.2645

■ 29.3088, 29.0912,
31.2645

■ 26.1401, 24.2723,
25.5264

■ 32.9311, 34.6348,
37.7150

■ 23.4047, 20.1443,
20.4744

■ 37.0214, 40.9273,
44.8995

■ 21.0841, 16.6768,
16.0831

■ 41.5967, 47.9966,
52.8407

■ 19.1580, 13.8352,
12.3248

■ 46.6721, 55.8679,
61.5601

■ 17.6037, 11.5821,
9.1701

■ 52.2623, 64.5653,
71.0781

■ 16.3969, 9.8758,
6.5869

■ 58.3813, 74.1121,
81.4143

■ 15.5096, 8.6693,
4.5401

■ 65.0425, 84.5303,
92.5879

■ 14.9099, 7.9075,
2.9906

■ 67.2150, 85.7537,
102.9359

■ 14.5298, 7.4636,
1.8889

■ 68.1082, 86.1110,
107.6391

Harmonies

Analogous

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



29.1574, 29.0912, 33.6881



29.3088, 29.0912, 31.2645



29.0084, 29.0912, 29.0643

Triad

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



29.3088, 29.0912, 31.2645



26.7229, 29.0912, 28.0000



26.9676, 29.0912, 36.1075

Complementary

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



29.3088, 29.0912, 31.2645



29.7277, 33.0369, 36.2640

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.



26.3353, 29.0912, 34.4383



29.3088, 29.0912, 31.2645



26.1960, 29.0912, 29.7444

Square

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



29.3088, 29.0912, 31.2645



27.5065, 29.0912, 27.2421



26.0556, 29.0912, 32.0898



27.7947, 29.0912, 36.5653

Rectangle

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



29.3088, 29.0912, 31.2645



28.5959, 29.0912, 27.9945



26.0556, 29.0912, 32.0898



26.7258, 29.0912, 35.6655

Sweetspot

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



29.3096, 29.0925, 31.2651



56.9461, 58.9145, 63.9464



29.7530, 29.1975, 36.8686



12.7219, 13.1037, 14.2096



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.3096, 29.0925, 31.2651



51.1925, 50.1225, 53.6583



29.8154, 30.4723, 30.2985



6.6813, 6.6654, 7.1729



11.4881, 5.8998, 1.5552



0.2176, 0.1104, 0.0921

Inverse Universe

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



29.3096, 29.0925, 31.2651



51.1925, 50.1225, 53.6583



29.1753, 31.5210, 37.3476



6.6813, 6.6654, 7.1729



11.4881, 5.8998, 1.5552



0.2176, 0.1104, 0.0921

Previews

White Background



This preview shows how the XYZ color 29.3088, 29.0912, 31.2645 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 29.3088, 29.0912, 31.2645 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 29.3088, 29.0912, 31.2645

Background



This preview shows how black text looks on a background with the XYZ color 29.3088, 29.0912, 31.2645.



This preview shows how white text looks on a background with the XYZ color 29.3088, 29.0912,

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

29.3088, 29.0912, 31.2645

Protanopia

28.0186, 29.0854, 32.1543

Deuteranopia

29.5593, 28.9984, 31.2334



Tritanopia

29.9200, 29.1195, 34.1807

Trichromacy



Original Color

29.3088, 29.0912, 31.2645

Protanomaly

28.5287, 29.1297, 31.7227

Deuteranomaly

29.3585, 28.8949, 31.2240

Tritanomaly

29.6752, 29.0216, 32.8918

Monochromacy



Original Color

29.3088, 29.0912, 31.2645

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4942, 29.3398, 31.7651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3088, 29.0912, 31.2645 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(159, 143, 146) looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 146)  
}
```

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(159, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 146) }
```

Border

The CSS property to change the border of an element to XYZ 29.3088, 29.0912, 31.2645 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(159, 143, 146) }
```


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

```
.border{ border-color:rgb(159, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3088, 29.0912, 31.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 146) }
```

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

```
.background{ background-color: rgb(159,  
143, 146) }
```

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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