

Converting Colors

XYZ(30.2395, 28.9640, 32.7842)

Have a look what the booklet for
XYZ(30.2395, 28.9640, 32.7842)
contains.

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Color

**XYZ(30.1929, 28.8507,
32.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	A48C96
RGB	164, 140, 150
RGB Percent	64%, 55%, 59%
CMY	0.3569, 0.4510, 0.4118
CMYK	0.00, 0.15, 0.09, 0.36
HSL	335°, 12%, 60%
HSV	335°, 15%, 64%
XYZ	30.1929, 28.8507, 32.8316
YIQ	148.3160, 11.0940, 8.1980

Conversions

Conversions Part 2

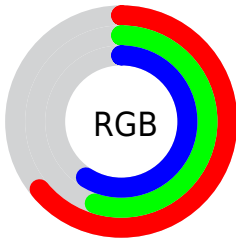
Format	Color
RYB	164, 140, 150
Decimal	10783894
CIELab	60.65, 10.77, -1.96
CIElCh	61, 10.951, 349.693
Yxy	28.8507, 0.3286, 0.3140
Android (android.graphics.Color)	4288973974 (0xFFA48C96)
YUV	148.3160, 0.8302, 13.7549
Hunter-Lab	53.7128, 6.3404, 1.3584




Details

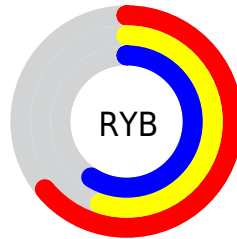
The XYZ color **30.1929, 28.8507, 32.8316** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9245, 34.4601, 35.6477**, and the grayscale version is **28.2743, 29.7468, 32.3942**.




A 20% lighter version of the original color is **59.4043, 58.0033, 65.1915**, and **12.5904, 11.6579, 13.3910** is the 20% darker color. If you saturate the color by 10%, you get **27.2337, 24.1151, 28.1981**, and if you desaturate by 10%, it is **33.5738, 34.3284, 37.9168**.

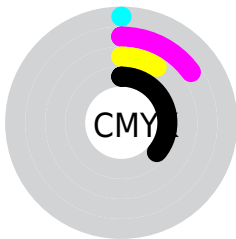
Distribution







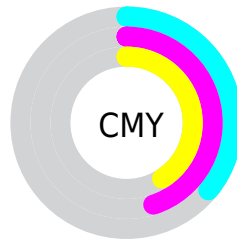
-  Red (64%)
-  Green (55%)
-  Blue (59%)






-  Red (64%)
-  Yellow (55%)
-  Blue (59%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (9%)
-  Black (36%)





-  Cyan (36%)
-  Magenta (45%)
-  Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1929, 28.8507, 32.8316 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 30.1929, 28.8507, 32.8316 by changing the saturation by 10% instead.

 30.1929, 28.8507,
32.8316


 30.1929, 28.8507,
32.8316


294.6963,
296.5099, 329.4989


 20.1339, 18.9679,
21.7274


 59.3516, 57.8398,
65.2255

 12.6012, 11.6471,
13.4603


 79.1820, 77.7149,
87.3523

 7.2296, 6.5039,
7.6119


 103.0003,
101.6895, 113.9904

 3.6537, 3.1538,
3.7634

131.1717,
130.1481, 145.5583

 1.5082, 1.2126,
1.4965

164.0616,
163.4751, 182.4746

 0.3314, 0.0719,
0.2153

202.0355,

 0.0000, 0.0000,

202.0547, 225.1577

0.0000

245.4586,
246.2715, 274.0263

■ 30.1929, 28.8507,
32.8316

■ 30.1929, 28.8507,
32.8316

■ 27.2337, 24.1151,
28.1981

■ 33.5738, 34.3284,
37.9168

■ 24.6766, 20.0856,
24.0013

■ 37.3902, 40.5744,
43.4643

■ 22.5038, 16.7291,
20.2280

■ 41.6583, 47.6184,
49.4868

■ 20.6954, 14.0081,
16.8636

■ 46.3926, 55.4875,
55.9958

■ 19.2295, 11.8816,
13.8925

■ 51.6069, 64.2072,
63.0025

■ 18.0818, 10.3037,
11.2978

■ 57.3147, 73.8023,
70.5175

■ 17.2243, 9.2215,
9.0612

■ 63.5287, 84.2963,
78.5512

■ 16.6234, 8.5708,
7.1616

■ 64.8720, 84.9334,
85.3174

■ 16.3632, 8.3139,
6.2630

■ 66.2263, 85.4751,
92.4491

Harmonies

Analogous

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



29.5541, 28.8507, 36.7408



30.1929, 28.8507, 32.8316



30.0699, 28.8507, 28.8548

Triad

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



30.1929, 28.8507, 32.8316



26.5131, 28.8507, 24.6198



25.6954, 28.8507, 37.7529

Complementary

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



30.1929, 28.8507, 32.8316



29.9245, 34.4601, 35.6477

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.



24.9337, 28.8507, 34.1192



30.1929, 28.8507, 32.8316



25.3945, 28.8507, 26.6278

Square

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



30.1929, 28.8507, 32.8316



27.9125, 28.8507, 24.3397



24.8255, 28.8507, 30.0368



26.9367, 28.8507, 39.7401

Rectangle

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



30.1929, 28.8507, 32.8316



29.5739, 28.8507, 26.6853



24.8255, 28.8507, 30.0368



25.3766, 28.8507, 36.6696

Sweetspot

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



30.1937, 28.8520, 32.8322



61.3064, 62.9053, 69.3632



29.4064, 28.3079, 39.0363



13.2992, 13.5837, 15.0113



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.1937, 28.8520, 32.8322



52.7275, 49.0303, 56.3836



29.7174, 29.1333, 28.8695



7.1904, 7.1326, 7.9893



12.5691, 6.3837, 4.9218



0.2874, 0.1435, 0.2261

Inverse Universe

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



30.1937, 28.8520, 32.8322



52.7275, 49.0303, 56.3836



30.4373, 34.0971, 40.0993



7.1904, 7.1326, 7.9893



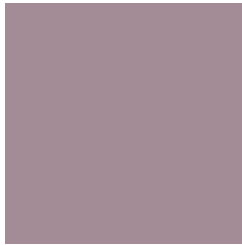
12.5691, 6.3837, 4.9218



0.2874, 0.1435, 0.2261

Previews

White Background



This preview shows how the XYZ color 30.1929, 28.8507, 32.8316 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 30.1929, 28.8507, 32.8316 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 30.1929, 28.8507, 32.8316

Background



This preview shows how black text looks on a background with the XYZ color 30.1929, 28.8507, 32.8316.



This preview shows how white text looks on a background with the XYZ color 30.1929, 28.8507,

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

30.1929, 28.8507, 32.8316

Protanopia

28.0613, 29.0607, 34.2673

Deuteranopia

29.4761, 28.9189, 32.8825



Tritanopia

30.2738, 28.8830, 33.2575

Trichromacy



Original Color

30.1929, 28.8507, 32.8316

Protanomaly

28.7776, 28.9858, 33.7838

Deuteranomaly

29.7278, 28.8288, 32.8519

Tritanomaly

30.2738, 28.8830, 33.2575

Monochromacy



Original Color

30.1929, 28.8507, 32.8316

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8766, 29.2907, 32.5655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1929, 28.8507, 32.8316 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(164, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(164, 140, 150)  
}
```

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(164, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 140, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.1929, 28.8507, 32.8316 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(164, 140, 150) }
```


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

```
.border{ border-color:rgb(164, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(164, 140,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1929, 28.8507, 32.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 140, 150) }
```

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

```
.background{ background-color: rgb(164,  
140, 150) }
```

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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