

Converting Colors

XYZ(29.5333, 29.0517, 33.0973)

Have a look what the booklet for
XYZ(29.5333, 29.0517, 33.0973)
contains.

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Color

**XYZ(29.4761, 28.9189,
32.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8E96
RGB	159, 142, 150
RGB Percent	62%, 56%, 59%
CMY	0.3765, 0.4431, 0.4118
CMYK	0.00, 0.11, 0.06, 0.38
HSL	332°, 8%, 59%
HSV	332°, 11%, 62%
XYZ	29.4761, 28.9189, 32.8825
YIQ	147.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

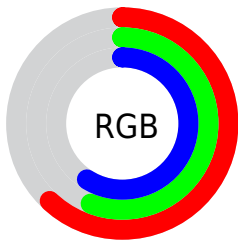
Format	Color
R_{YB}	159, 142, 150
Decimal	10456726
CIE Lab	60.71, 7.79, -1.92
CIE LCh	61, 8.027, 346.127
Yxy	28.9189, 0.3229, 0.3168
Android (android.graphics.Color)	4288646806 (0xFF9F8E96)
YUV	147.9950, 0.9885, 9.6514
Hunter-Lab	53.7763, 3.7317, 1.3895

Details

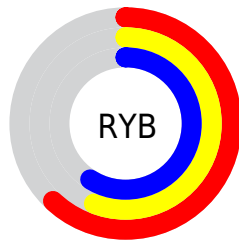
The XYZ color **29.4761, 28.9189, 32.8825** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1405, 32.7822, 34.0715**, and the grayscale version is **28.1407, 29.6062, 32.2411**.

A 20% lighter version of the original color is **58.3706, 58.1356, 65.2716**, and **12.2636, 11.7433, 13.4247** is the 20% darker color. If you saturate the color by 10%, you get **26.6235, 24.2597, 28.7063**, and if you desaturate by 10%, it is **32.7165, 34.2750, 37.4290**.

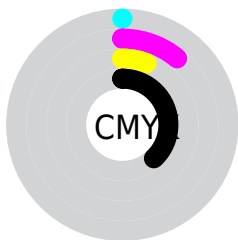
Distribution



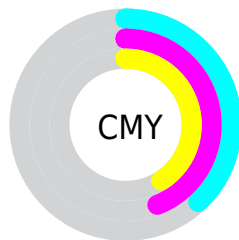
- Red (62%)
- Green (56%)
- Blue (59%)



- Red (62%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4761, 28.9189, 32.8825 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 29.4761, 28.9189, 32.8825 by changing the saturation by 10% instead.

■ 29.4761, 28.9189,
32.8825

■ 29.4761, 28.9189,
32.8825

291.4086,
296.8321, 329.7357

■ 19.5874, 19.0195,
21.7661

■ 58.2250, 57.9482,
65.3059

■ 12.2020, 11.6844,
13.4884

■ 77.8159, 77.8469,
87.4500

■ 6.9546, 6.5291,
7.6311

■ 101.3715,
101.8474, 114.1071

■ 3.4798, 3.1694,
3.7754

129.2573,
130.3343, 145.6956

■ 1.4123, 1.2208,
1.5030

161.8385,
163.6917, 182.6342

■ 0.2649, 0.0786,
0.2201

199.4806,

■ 0.0000, 0.0000,

202.3043, 225.3414

0.0000

242.5488,
246.5563, 274.2357

■ 29.4761, 28.9189,
32.8825

■ 29.4761, 28.9189,
32.8825

■ 26.6235, 24.2597,
28.7063

■ 32.7165, 34.2750,
37.4290

■ 24.1411, 20.2648,
24.8885

■ 36.3566, 40.3515,
42.3537

■ 22.0133, 16.9046,
21.4190

■ 40.4109, 47.1751,
47.6663

■ 20.2227, 14.1458,
18.2868

■ 44.8923, 54.7704,
53.3759

■ 18.7501, 11.9520,
15.4798

■ 49.8132, 63.1606,
59.4909

■ 17.5745, 10.2827,
12.9852

■ 55.1853, 72.3681,
66.0197

■ 16.6718, 9.0921,
10.7891

■ 61.0202, 82.4141,
72.9704

■ 16.0141, 8.3263,
8.8757

■ 62.6287, 83.9192,
78.7841

■ 15.5618, 7.8764,
7.3227

■ 63.7545, 84.3695,
84.7127

Harmonies

Analogous

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



28.9550, 28.9189, 35.6306



29.4761, 28.9189, 32.8825



29.4548, 28.9189, 29.9221

Triad

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



29.4761, 28.9189, 32.8825



26.9343, 28.9189, 26.2952



26.1224, 28.9189, 35.8040

Complementary

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



29.4761, 28.9189, 32.8825



29.1405, 32.7822, 34.0715

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.



25.6080, 28.9189, 33.1072



29.4761, 28.9189, 32.8825



26.0686, 28.9189, 27.6792

Square

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



29.4761, 28.9189, 32.8825



27.9693, 28.9189, 26.2435



25.5886, 28.9189, 30.1330



27.0094, 28.9189, 37.3879

Rectangle

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



29.4761, 28.9189, 32.8825



29.1353, 28.9189, 28.2273



25.5886, 28.9189, 30.1330



25.9012, 28.9189, 34.9901

Sweetspot

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



29.4769, 28.9202, 32.8831



57.1544, 58.9978, 65.0435



28.6544, 28.4091, 36.7746



12.7805, 13.1272, 14.5180



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.



29.4769, 28.9202, 32.8831



51.4183, 49.5421, 56.9149



28.8968, 28.7556, 29.6200



6.7564, 6.6955, 7.5685



12.3119, 6.2293, 5.8932



0.2414, 0.1199, 0.2171

Inverse Universe

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



29.4769, 28.9202, 32.8831



51.4183, 49.5421, 56.9149



29.7637, 32.9537, 37.5933



6.7564, 6.6955, 7.5685



12.3119, 6.2293, 5.8932



0.2414, 0.1199, 0.2171

Previews

White Background



This preview shows how the XYZ color 29.4761, 28.9189, 32.8825 looks on a white background.

Color Contrast Check

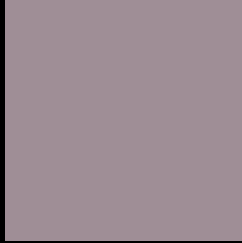
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4761, 28.9189, 32.8825 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 29.4761, 28.9189, 32.8825

Background



This preview shows how black text looks on a background with the XYZ color 29.4761, 28.9189, 32.8825.



This preview shows how white text looks on a background with the XYZ color 29.4761, 28.9189,

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

29.4761, 28.9189, 32.8825

Protanopia

27.9790, 29.0278, 33.8340

Deuteranopia

29.4761, 28.9189, 32.8825



Tritanopia

29.7208, 29.0168, 34.1713

Trichromacy



Original Color

29.4761, 28.9189, 32.8825

Protanomaly

28.4738, 29.0645, 33.3874

Deuteranomaly

29.4761, 28.9189, 32.8825

Tritanomaly

29.6386, 28.9839, 33.7381

Monochromacy



Original Color

29.4761, 28.9189, 32.8825

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6526, 29.4031, 32.5990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4761, 28.9189, 32.8825 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, 142, 150)` looks like.

```
.text, #text, p{  
    color:rgb(159, 142, 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(159, 142, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 142, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.4761, 28.9189, 32.8825 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, 142, 150) }
```


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

```
.border{ border-color:rgb(159, 142, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 142, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 142, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 142, 150);  
box-shadow:4px 4px 4px 4px rgb(159, 142,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4761, 28.9189, 32.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 142, 150) }
```

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

```
.background{ background-color: rgb(159,  
142, 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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