

Converting Colors

XYZ(28.9959, 29.6418, 30.5588)

Have a look what the booklet for
XYZ(28.9959, 29.6418, 30.5588)
contains.

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Color

**XYZ(29.0232, 29.6393,
30.5768)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9290
RGB	156, 146, 144
RGB Percent	61%, 57%, 56%
CMY	0.3882, 0.4274, 0.4353
CMYK	0.00, 0.06, 0.08, 0.39
HSL	10°, 6%, 59%
HSV	10°, 8%, 61%
XYZ	29.0232, 29.6393, 30.5768
YIQ	148.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

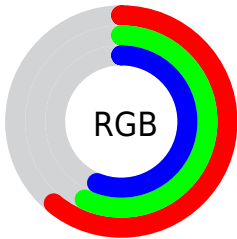
Format	Color
R_{YB}	156, 146, 144
Decimal	10261136
CIE Lab	61.34, 3.33, 2.38
CIE LCh	61, 4.089, 35.545
Yxy	29.6393, 0.3252, 0.3321
Android (android.graphics.Color)	4288451216 (0xFF9C9290)
YUV	148.7620, -2.3477, 6.3477
Hunter-Lab	54.4420, -0.1145, 4.8098

Details

The XYZ color **29.0232, 29.6393, 30.5768** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0578, 31.4402, 35.9898**, and the grayscale version is **28.4753, 29.9583, 32.6246**.

A 20% lighter version of the original color is **57.7113, 59.2347, 61.8178**, and **12.0289, 12.1772, 12.3061** is the 20% darker color. If you saturate the color by 10%, you get **26.0217, 25.4142, 24.0947**, and if you desaturate by 10%, it is **32.4189, 34.3884, 38.0040**.

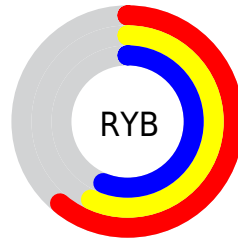
Distribution



Red (61%)

Green (57%)

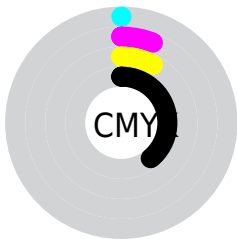
Blue (56%)



Red (61%)

Yellow (57%)

Blue (56%)

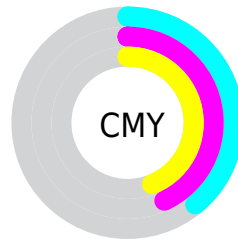


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0232, 29.6393, 30.5768 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 29.0232, 29.6393, 30.5768 by changing the saturation by 10% instead.

■ 29.0232, 29.6393,
30.5768

■ 29.0232, 29.6393,
30.5768

289.3166,
300.2195, 318.8745

■ 19.2427, 19.5650,
20.0210

■ 57.5112, 59.0913,
61.6449

■ 11.9509, 12.0792,
12.2261

■ 76.9495, 79.2377,
82.9944

■ 6.7822, 6.7977,
6.7735

100.3378,
103.5103, 108.7788

■ 3.3714, 3.3359,
3.2445

128.0415,
132.2935, 139.4167

■ 1.3531, 1.3095,
1.2208

160.4258,
165.9716, 175.3267

■ 0.2224, 0.1485,
0.0000

197.8562,

■ 0.0000, 0.0000,

204.9290, 216.9273

0.0000

240.6980,
249.5502, 264.6371

■ 29.0232, 29.6393,
30.5768

■ 29.0232, 29.6393,
30.5768

■ 26.0217, 25.4142,
24.0947

■ 32.4189, 34.3884,
38.0040

■ 23.3977, 21.6914,
18.5177

■ 36.2199, 39.6747,
46.4101

■ 21.1368, 18.4534,
13.8062

■ 40.4399, 45.5156,
55.8296

■ 19.2227, 15.6799,
9.9166

■ 45.0914, 51.9268,
66.2947

■ 17.6379, 13.3496,
6.8015

■ 50.1860, 58.9231,
77.8364

■ 16.3636, 11.4392,
4.4087

■ 55.7352, 66.5189,
90.4841

■ 15.3785, 9.9234,
2.6795

■ 61.7499, 74.7280,
104.2663

■ 14.6589, 8.7740,
1.5461

■ 65.9379, 82.6429,
107.0841

■ 14.1704, 7.9565,
0.8923

■ 67.5204, 85.8080,
107.6116

Harmonies

Analogous

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



29.2157, 29.6393, 31.9861



29.0232, 29.6393, 30.5768



28.6026, 29.6393, 29.6443

Triad

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



29.0232, 29.6393, 30.5768



27.2381, 29.6393, 31.0586



28.2716, 29.6393, 35.3183

Complementary

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



29.0232, 29.6393, 30.5768



29.0578, 31.4402, 35.9898

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.



27.7443, 29.6393, 35.0509



29.0232, 29.6393, 30.5768



27.1520, 29.6393, 32.5599

Square

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



29.0232, 29.6393, 30.5768



27.5729, 29.6393, 29.9162



27.3362, 29.6393, 34.0291



28.7782, 29.6393, 34.7486

Rectangle

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



29.0232, 29.6393, 30.5768



28.2519, 29.6393, 29.4018



27.3362, 29.6393, 34.0291



28.0908, 29.6393, 35.3235

Sweetspot

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



29.0240, 29.6406, 30.5774



56.1116, 58.5913, 62.9464



29.5166, 29.3479, 34.6812



12.3639, 12.9162, 13.8879



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.0240, 29.6406, 30.5774



51.8606, 52.6354, 53.6803



29.9729, 31.5384, 30.8937



6.7181, 6.8162, 6.9472



11.6163, 6.4683, 0.6363



0.2296, 0.1595, 0.0187

Inverse Universe

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



29.0578, 31.4402, 35.9898



51.9330, 56.4969, 65.2946



28.0926, 29.5098, 35.6681



6.7276, 7.3209, 8.4652



11.5355, 15.1624, 28.2259



0.2291, 0.3168, 0.5123

Previews

White Background



This preview shows how the XYZ color 29.0232, 29.6393, 30.5768 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 29.0232, 29.6393, 30.5768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

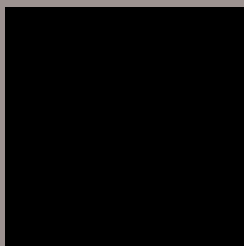
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

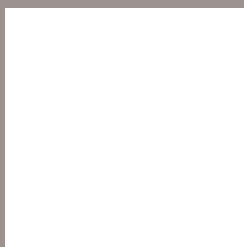
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0232, 29.6393, 30.5768

Background



This preview shows how black text looks on a background with the XYZ color 29.0232, 29.6393, 30.5768.



This preview shows how white text looks on a background with the XYZ color 29.0232, 29.6393,

30.5768.

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

29.0232, 29.6393, 30.5768

Protanopia

28.3071, 29.4911, 30.9885

Deuteranopia

30.2431, 29.5818, 30.9039



Tritanopia

30.0746, 29.6159, 35.5838

Trichromacy



Original Color

29.0232, 29.6393, 30.5768

Protanomaly

28.6814, 29.6841, 31.0060

Deuteranomaly

29.7820, 29.5679, 30.9256

Tritanomaly

29.6975, 29.6859, 33.8705

Monochromacy



Original Color

29.0232, 29.6393, 30.5768

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8053, 29.9618, 31.8688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0232, 29.6393, 30.5768 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(156, 146, 144) looks like.

```
.text, #text, p{  
    color:rgb(156, 146, 144)  
}
```

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(156, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 146, 144) }
```

Border

The CSS property to change the border of an element to XYZ 29.0232, 29.6393, 30.5768 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(156, 146, 144) }
```


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

```
.border{ border-color:rgb(156, 146, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(156, 146,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0232, 29.6393, 30.5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 146, 144) }
```

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

```
.background{ background-color: rgb(156,  
146, 144) }
```

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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