

Converting Colors

XYZ(29.3488, 29.8390, 32.8105)

Have a look what the booklet for
XYZ(29.3488, 29.8390, 32.8105)
contains.

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Color

**XYZ(29.2213, 29.6963,
32.6256)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9295
RGB	155, 146, 149
RGB Percent	61%, 57%, 58%
CMY	0.3922, 0.4274, 0.4157
CMYK	0.00, 0.06, 0.04, 0.39
HSL	340°, 4%, 59%
HSV	340°, 6%, 61%
XYZ	29.2213, 29.6963, 32.6256
YIQ	149.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

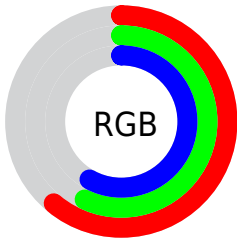
Format	Color
R_{YB}	155, 146, 149
Decimal	10195605
CIE Lab	61.39, 3.88, -0.40
CIE LCh	61, 3.898, 354.117
Yxy	29.6963, 0.3192, 0.3244
Android (android.graphics.Color)	4288385685 (0xFF9B9295)
YUV	149.0330, -0.0163, 5.2331
Hunter-Lab	54.4943, 0.3514, 2.6493

Details

The XYZ color **29.2213, 29.6963, 32.6256** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2441, 31.8215, 34.3082**, and the grayscale version is **28.5804, 30.0689, 32.7450**.

A 20% lighter version of the original color is **57.7283, 59.1757, 64.8794**, and **12.0964, 12.1906, 13.2708** is the 20% darker color. If you saturate the color by 10%, you get **26.2033, 24.9226, 27.7272**, and if you desaturate by 10%, it is **32.6382, 35.1499, 38.0191**.

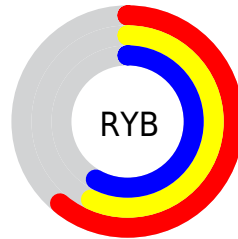
Distribution



Red (61%)

Green (57%)

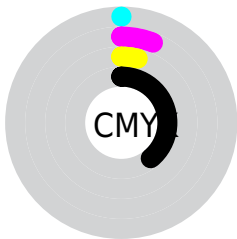
Blue (58%)



Red (61%)

Yellow (57%)

Blue (58%)

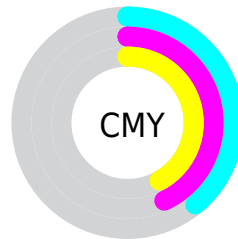


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2213, 29.6963, 32.6256 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 29.2213, 29.6963, 32.6256 by changing the saturation by 10% instead.

■ 29.2213, 29.6963,
32.6256

■ 29.2213, 29.6963,
32.6256

290.2331,
300.4863, 328.5394

■ 19.3934, 19.6082,
21.5710

■ 57.8236, 59.1816,
64.8998

■ 12.0606, 12.1106,
13.3467

■ 77.3288, 79.3475,
86.9565

■ 6.8574, 6.8190,
7.5342

100.7904,
103.6415, 113.5177

■ 3.4186, 3.3492,
3.7149

128.5739,
132.4480, 145.0019

■ 1.3788, 1.3166,
1.4703

161.0445,
166.1513, 181.8276

■ 0.2411, 0.1540,
0.1956

198.5677,

■ 0.0000, 0.0000,

205.1358, 224.4134

0.0000

241.5088,
249.7860, 273.1778

■ 29.2213, 29.6963,
32.6256

■ 29.2213, 29.6963,
32.6256

■ 26.2033, 24.9226,
27.7272

■ 32.6382, 35.1499,
38.0191

■ 23.5668, 20.7981,
23.3077

■ 36.4656, 41.3045,
43.9195

■ 21.2969, 17.2959,
19.3527

■ 40.7176, 48.1855,
50.3406

■ 19.3768, 14.3852,
15.8465

■ 45.4070, 55.8154,
57.2949

■ 17.7880, 12.0331,
12.7722

■ 50.5459, 64.2161,
64.7947

■ 16.5105, 10.2030,
10.1120

■ 56.1461, 73.4085,
72.8518

■ 15.5221, 8.8541,
7.8465

■ 62.2188, 83.4125,
81.4776

■ 14.7972, 7.9396,
5.9546

■ 63.7998, 84.2975,
89.0248

■ 14.3014, 7.3951,
4.4113

■ 65.3094, 84.9013,
96.9741

Harmonies

Analogous

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



29.0348, 29.6963, 34.0240



29.2213, 29.6963, 32.6256



29.1383, 29.6963, 31.1900

Triad

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



29.2213, 29.6963, 32.6256



27.8230, 29.6963, 29.8159



27.6494, 29.6963, 34.6852

Complementary

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



29.2213, 29.6963, 32.6256



29.2441, 31.8215, 34.3082

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.



27.3318, 29.6963, 33.5061



29.2213, 29.6963, 32.6256



27.4312, 29.6963, 30.7013

Square

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



29.2213, 29.6963, 32.6256



28.3270, 29.6963, 29.5962



27.2525, 29.6963, 32.0446



28.1241, 29.6963, 35.2361

Rectangle

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



29.2213, 29.6963, 32.6256



28.9419, 29.6963, 30.4012



27.2525, 29.6963, 32.0446



27.5209, 29.6963, 34.3475

Sweetspot

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



29.2221, 29.6976, 32.6262



54.5519, 56.7165, 61.9609



29.1452, 29.6012, 35.1883



12.3642, 12.8640, 14.0509



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.



29.2221, 29.6976, 32.6262



51.5724, 51.9765, 57.2102



29.2185, 30.0685, 31.4595



6.4178, 6.4584, 7.1111



11.3649, 5.8002, 3.1804



0.1856, 0.0930, 0.1301

Inverse Universe

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



29.2221, 29.6976, 32.6262



51.5724, 51.9765, 57.2102



29.2447, 31.4249, 35.5350



6.4178, 6.4584, 7.1111



11.3649, 5.8002, 3.1804



0.1856, 0.0930, 0.1301

Previews

White Background



This preview shows how the XYZ color 29.2213, 29.6963, 32.6256 looks on a white background.

Color Contrast Check

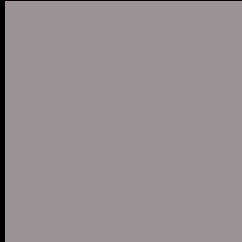
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2213, 29.6963, 32.6256 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 29.2213, 29.6963, 32.6256

Background



This preview shows how black text looks on a background with the XYZ color 29.2213, 29.6963, 32.6256.



This preview shows how white text looks on a background with the XYZ color 29.2213, 29.6963,

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

29.2213, 29.6963, 32.6256

Protanopia

28.5164, 29.5535, 33.0556

Deuteranopia

30.2984, 29.7978, 32.5884



Tritanopia

29.8365, 29.7190, 35.6163

Trichromacy



Original Color

29.2213, 29.6963, 32.6256

Protanomaly

28.8876, 29.7448, 33.0729

Deuteranomaly

29.8483, 29.7917, 32.6110

Tritanomaly

29.5855, 29.6186, 34.2946

Monochromacy



Original Color

29.2213, 29.6963, 32.6256

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7772, 29.9290, 32.6939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2213, 29.6963, 32.6256 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(155, 146, 149)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 149)  
}
```

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(155, 146, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.2213, 29.6963, 32.6256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

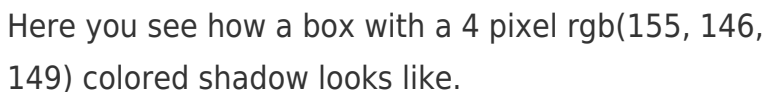
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 146, 149) }
```


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

```
.border{ border-color:rgb(155, 146, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 146, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2213, 29.6963, 32.6256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 149) }
```

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

```
.background{ background-color: rgb(155,  
146, 149) }
```

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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