

Converting Colors

XYZ(28.1001, 29.7279, 32.5081)

Have a look what the booklet for
XYZ(28.1001, 29.7279, 32.5081)
contains.

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Color

**XYZ(28.2049, 29.8679,
32.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	939595
RGB	147, 149, 149
RGB Percent	58%, 58%, 58%
CMY	0.4235, 0.4157, 0.4157
CMYK	0.01, 0.00, 0.00, 0.42
HSL	180°, 1%, 58%
HSV	180°, 1%, 58%
XYZ	28.2049, 29.8679, 32.7123
YIQ	148.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

Format	Color
R_{YB}	147, 148, 149
Decimal	9672085
CIE Lab	61.54, -0.72, -0.26
CIE LCh	62, 0.768, 199.906
Yxy	29.8679, 0.3107, 0.3290
Android (android.graphics.Color)	4287862165 (0xFF939595)
YUV	148.4020, 0.2948, -1.2296
Hunter-Lab	54.6515, -3.5188, 2.7674

Details

The XYZ color **28.2049, 29.8679, 32.7123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0957, 29.3644, 31.7924**, and the grayscale version is **28.3161, 29.7908, 32.4421**.

A 20% lighter version of the original color is **56.2228, 59.4412, 65.0099**, and **11.3962, 12.1040, 13.2909** is the 20% darker color. If you saturate the color by 10%, you get **25.7028, 28.5791, 32.5876**, and if you desaturate by 10%, it is **31.0548, 31.3377, 32.8545**.

Distribution



Red (58%)

Green (58%)

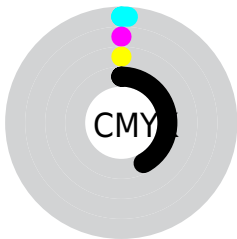
Blue (58%)



Red (58%)

Yellow (58%)

Blue (58%)



Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2049, 29.8679, 32.7123 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 28.2049, 29.8679, 32.7123 by changing the saturation by 10% instead.

■ 28.2049, 29.8679,
32.7123

■ 28.2049, 29.8679,
32.7123

285.5071,
301.2882, 328.9435

■ 18.6214, 19.7383,
21.6368

■ 56.2178, 59.4532,
65.0369

■ 11.4994, 12.2050,
13.3945

■ 75.3779, 79.6777,
87.1232

■ 6.4736, 6.8834,
7.5669

98.4609, 104.0361,
113.7167

■ 3.1785, 3.3893,
3.7353

125.8321,
132.9126, 145.2362

■ 1.2488, 1.3382,
1.4813

157.8570,
166.6916, 182.1000

■ 0.1444, 0.1705,
0.2039

194.9009,

■ 0.0000, 0.0000,

205.7577, 224.7268

0.0000

237.3292,
250.4951, 273.5352

■ 28.2049, 29.8679,
32.7123

■ 28.2049, 29.8679,
32.7123

■ 25.7028, 28.5791,
32.5876

■ 31.0548, 31.3377,
32.8545

■ 23.5328, 27.4606,
32.4778

■ 34.2624, 32.9912,
33.0129

■ 21.6817, 26.5065,
32.3829

■ 37.8406, 34.8356,
33.1886

■ 20.1345, 25.7090,
32.3022

■ 41.8005, 36.8768,
33.3822

■ 18.8749, 25.0599,
32.2350

■ 46.1530, 39.1204,
33.5941

■ 17.8851, 24.5498,
32.1805

■ 50.9086, 41.5718,
33.8250

■ 17.1455, 24.1687,
32.1376

■ 56.0772, 44.2361,
34.0751

■ 16.6337, 23.9050,
32.1054

■ 57.4256, 44.9311,
34.1465

■ 16.3232, 23.7451,
32.0827

■ 57.4272, 44.9317,
34.1548

Harmonies

Analogous

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



28.1963, 29.8679, 32.4229



28.2049, 29.8679, 32.7123



28.2627, 29.8679, 32.9518

Triad

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



28.2049, 29.8679, 32.7123



28.5385, 29.8679, 32.8834



28.4229, 29.8679, 31.9723

Complementary

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



28.2049, 29.8679, 32.7123



28.0957, 29.3644, 31.7924

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.



28.5148, 29.8679, 32.0941



28.2049, 29.8679, 32.7123



28.5817, 29.8679, 32.6194

Square

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



28.2049, 29.8679, 32.7123



28.4552, 29.8679, 33.0510



28.5730, 29.8679, 32.3306



28.3220, 29.8679, 31.9968

Rectangle

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



28.2049, 29.8679, 32.7123



28.3213, 29.8679, 33.0504



28.5730, 29.8679, 32.3306



28.4558, 29.8679, 31.9975

Sweetspot

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



28.2057, 29.8692, 32.7130



51.1593, 53.8236, 58.6138



28.0534, 29.8089, 31.8793



11.3376, 11.9280, 12.9896



71.1368, 74.8414, 81.5023

Same Dimension

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



28.2057, 29.8692, 32.7130



50.1781, 53.3178, 58.5649



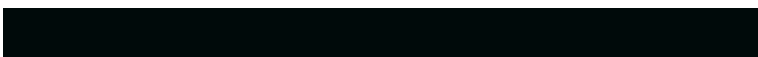
28.0534, 29.5642, 32.6632



6.3875, 6.7805, 7.4415



13.5980, 19.9120, 26.9886



0.1665, 0.2437, 0.3308

Inverse Universe

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



28.0957, 29.3644, 31.7924



49.8804, 51.9515, 56.0733



28.2467, 29.6666, 31.8417



6.3533, 6.6238, 7.1558



10.4327, 5.3781, 0.4935



0.1278, 0.0659, 0.0064

Previews

White Background



This preview shows how the XYZ color 28.2049, 29.8679, 32.7123 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 28.2049, 29.8679, 32.7123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

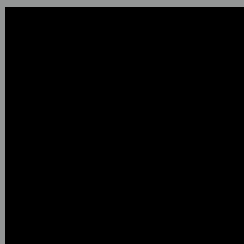
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

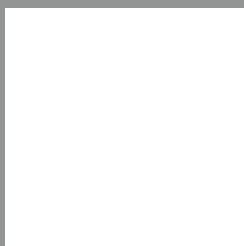
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2049, 29.8679, 32.7123

Background



This preview shows how black text looks on a background with the XYZ color 28.2049, 29.8679, 32.7123.



This preview shows how white text looks on a background with the XYZ color 28.2049, 29.8679,

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

28.2049, 29.8679, 32.7123

Protanopia

28.6977, 29.8972, 32.2752

Deuteranopia

30.3786, 29.8299, 33.0108



Tritanopia

29.0862, 29.7602, 37.0122

Trichromacy



Original Color

28.2049, 29.8679, 32.7123

Protanomaly

28.5129, 29.8020, 32.2665

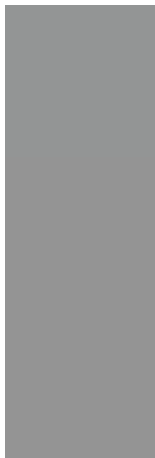
Deuteranomaly

29.6885, 29.9279, 33.0661

Tritanomaly

28.7190, 29.8423, 35.2568

Monochromacy



Original Color

28.2049, 29.8679, 32.7123

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1479, 29.6138, 32.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2049, 29.8679, 32.7123 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(147, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(147, 149, 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(147, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.2049, 29.8679, 32.7123 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(147, 149, 149) }
```

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

```
.border{ border-color:rgb(147, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(147, 149,  
149) }
```


Background

The CSS property to change the background color of an element to XYZ 28.2049, 29.8679, 32.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 149, 149) }
```

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

```
.background{ background-color: rgb(147,  
149, 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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