

Converting Colors

XYZ(28.6665, 29.3979, 35.4165)

Have a look what the booklet for
XYZ(28.6665, 29.3979, 35.4165)
contains.

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Color

**XYZ(28.6741, 29.3476,
35.6059)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 95929C |
| RGB | 149, 146, 156 |
| RGB Percent | 58%, 57%, 61% |
| CMY | 0.4157, 0.4274, 0.3882 |
| CMYK | 0.04, 0.06, 0.00, 0.39 |
| HSL | 258°, 5%, 59% |
| HSV | 258°, 6%, 61% |
| XYZ | 28.6741, 29.3476, 35.6059 |
| YIQ | 148.0370, -1.4220, 3.7460 |

Conversions

Conversions Part 2

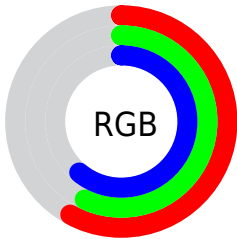
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 149, 146, 156 |
| Decimal | 9802396 |
| CIELab | 61.09, 3.07, -4.88 |
| CIElCh | 61, 5.766, 302.161 |
| Yxy | 29.3476, 0.3063, 0.3135 |
| Android (android.graphics.Color) | 4287992476 (0xFF95929C) |
| YUV | 148.0370, 3.9258, 0.8446 |
| Hunter-Lab | 54.1734, -0.3231, -1.0474 |

Details

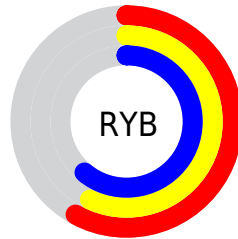
The XYZ color **28.6741, 29.3476, 35.6059** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2146, 32.6253, 31.9003**, and the grayscale version is **28.1490, 29.6150, 32.2507**.

A 20% lighter version of the original color is **56.9157, 58.6582, 69.2952**, and **11.7697, 11.9823, 15.0571** is the 20% darker color. If you saturate the color by 10%, you get **24.5316, 23.8832, 34.7699**, and if you desaturate by 10%, it is **33.3333, 35.5672, 36.5613**.

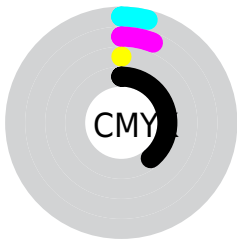
Distribution



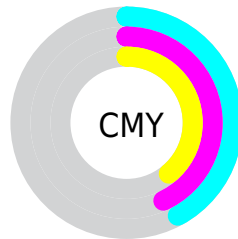
- Red (58%)
- Green (57%)
- Blue (61%)



- Red (58%)
- Yellow (57%)
- Blue (61%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6741, 29.3476, 35.6059 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 28.6741, 29.3476, 35.6059 by changing the saturation by 10% instead.

■ 28.6741, 29.3476,
35.6059

■ 28.6741, 29.3476,
35.6059

287.6962,
298.8515, 342.2199

■ 18.9775, 19.3439,
23.8427

■ 56.9600, 58.6289,
69.5855

■ 11.7579, 11.9191,
15.0059

■ 76.2801, 78.6753,
92.6390

■ 6.6501, 6.6886,
8.6768

99.5386, 102.8381,
120.2931

■ 3.2886, 3.2681,
4.4371

127.1010,
131.5017, 152.9662

■ 1.3082, 1.2733,
1.8681

159.3326,
165.0504, 191.0768

■ 0.1893, 0.1204,
0.4723

196.5987,

■ 0.0000, 0.0000,

203.8687, 235.0437

0.0000

239.2648,
248.3409, 285.2852

■ 28.6741, 29.3476,
35.6059

■ 28.6741, 29.3476,
35.6059

■ 24.5316, 23.8832,
34.7699

■ 33.3333, 35.5672,
36.5613

■ 20.8851, 19.1411,
34.0468

■ 38.5241, 42.5657,
37.6385

■ 17.7158, 15.0917,
33.4323

■ 44.2639, 50.3703,
38.8425

■ 15.0031, 11.7018,
32.9209

■ 50.5684, 59.0059,
40.1770

■ 12.7245, 8.9354,
32.5070

■ 57.4529, 68.4962,
41.6460

■ 10.8558, 6.7529,
32.1843

■ 64.9318, 78.8641,
43.2530

■ 9.3698, 5.1101,
31.9455

■ 72.9542, 90.0011,
44.9798

■ 8.2360, 3.9562,
31.7825

■ 76.4781, 91.8178,
45.1448

■ 7.4121, 3.2181,
31.6835

■ 80.2240, 93.7488,
45.3201

Harmonies

Analogous

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



27.9488, 29.3476, 36.2929



28.6741, 29.3476, 35.6059



29.1978, 29.3476, 33.9362

Triad

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



28.6741, 29.3476, 35.6059



28.5776, 29.3476, 28.4165



26.4680, 29.3476, 32.1116

Complementary

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



28.6741, 29.3476, 35.6059



30.2146, 32.6253, 31.9003

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.



26.6296, 29.3476, 30.0516



28.6741, 29.3476, 35.6059



27.8393, 29.3476, 27.9765

Square

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



28.6741, 29.3476, 35.6059



29.1414, 29.3476, 29.7917



27.1282, 29.3476, 28.5618



26.6827, 29.3476, 34.2197

Rectangle

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



28.6741, 29.3476, 35.6059



29.3574, 29.3476, 32.5251



27.1282, 29.3476, 28.5618



26.4801, 29.3476, 31.3907

Sweetspot

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



28.6750, 29.3489, 35.6065



55.6608, 58.0685, 65.4015



29.2743, 31.3493, 35.9611



12.2706, 12.8080, 14.3958



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.



28.6750, 29.3489, 35.6065



50.6979, 51.4711, 64.3896



29.5753, 29.8130, 35.6487



6.4625, 6.5269, 8.3259



5.9317, 2.4869, 26.0746



0.1458, 0.0650, 0.4681

Inverse Universe

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



29.7399, 29.9268, 34.3473



53.1379, 52.7957, 61.4872



29.3207, 32.1645, 31.8585



6.8193, 6.7207, 7.8998



13.5922, 6.7415, 12.6355



0.2607, 0.1276, 0.3188

Previews

White Background



This preview shows how the XYZ color 28.6741, 29.3476, 35.6059 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 28.6741, 29.3476, 35.6059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

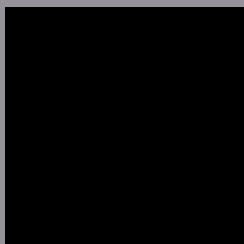
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

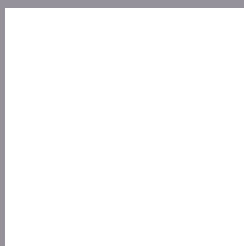
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6741, 29.3476, 35.6059

Background



This preview shows how black text looks on a background with the XYZ color 28.6741, 29.3476, 35.6059.

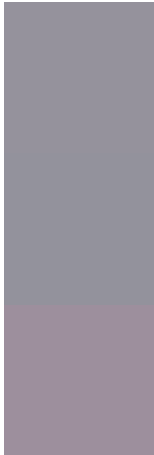


This preview shows how white text looks on a background with the XYZ color 28.6741, 29.3476,

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

28.6741, 29.3476, 35.6059

Protanopia

28.3123, 29.1611, 35.5889

Deuteranopia

29.8129, 29.2473, 35.9723



Tritanopia

28.7591, 29.3817, 36.0537

Trichromacy



Original Color

28.6741, 29.3476, 35.6059

Protanomaly

28.4924, 29.2540, 35.5974

Deuteranomaly

29.3855, 29.2509, 35.9955

Tritanomaly

28.7591, 29.3817, 36.0537

Monochromacy



Original Color

28.6741, 29.3476, 35.6059

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.2324, 29.3977, 33.4645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6741, 29.3476, 35.6059 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(149, 146, 156) looks like.

```
.text, #text, p{  
    color:rgb(149, 146, 156)  
}
```

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(149, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 146, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.6741, 29.3476, 35.6059 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(149, 146, 156) }
```


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

```
.border{ border-color:rgb(149, 146, 156) }
```

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

Here you see how a box with a 4 pixel rgb(149, 146, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(149, 146,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6741, 29.3476, 35.6059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 146, 156) }
```

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

```
.background{ background-color: rgb(149,  
146, 156) }
```

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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