

Converting Colors

XYZ(28.5370, 29.0687, 34.6802)

Have a look what the booklet for
XYZ(28.5370, 29.0687, 34.6802)
contains.

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Color

**XYZ(28.5358, 29.0679,
34.6785)**

Conversions

Conversions Part 1

Format	Color
Hex	96919A
RGB	150, 145, 154
RGB Percent	59%, 57%, 60%
CMY	0.4118, 0.4314, 0.3961
CMYK	0.03, 0.06, 0.00, 0.40
HSL	273°, 4%, 59%
HSV	273°, 6%, 60%
XYZ	28.5358, 29.0679, 34.6785
YIQ	147.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

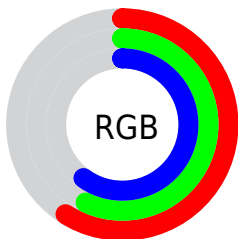
Format	Color
RYB	150, 145, 154
Decimal	9867674
CIELab	60.84, 3.59, -4.10
CIElCh	61, 5.447, 311.206
Yxy	29.0679, 0.3092, 0.3150
Android (android.graphics.Color)	4288057754 (0xFF96919A)
YUV	147.5210, 3.1941, 2.1741
Hunter-Lab	53.9147, 0.1253, -0.3957

Details

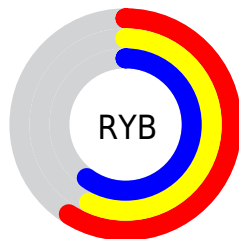
The XYZ color **28.5358, 29.0679, 34.6785** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0619, 31.5458, 31.3467**, and the grayscale version is **27.9368, 29.3917, 32.0076**.

A 20% lighter version of the original color is **56.7104, 58.2383, 67.9267**, and **11.6860, 11.8163, 14.4968** is the 20% darker color. If you saturate the color by 10%, you get **25.1173, 24.0466, 33.8899**, and if you desaturate by 10%, it is **32.3486, 34.7677, 35.5782**.

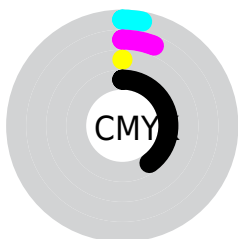
Distribution



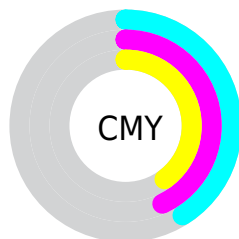
- Red (59%)
- Green (57%)
- Blue (60%)



- Red (59%)
- Yellow (57%)
- Blue (60%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5358, 29.0679, 34.6785 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 28.5358, 29.0679, 34.6785 by changing the saturation by 10% instead.

■ 28.5358, 29.0679,
34.6785

■ 28.5358, 29.0679,
34.6785

287.0523,
297.5352, 338.0080

■ 18.8725, 19.1322,
23.1338

■ 56.7414, 58.1849,
68.1333

■ 11.6816, 11.7658,
14.4861

■ 76.0144, 78.1351,
90.8805

■ 6.5979, 6.5844,
8.3169

99.2213, 102.1921,
118.1989

■ 3.2560, 3.2036,
4.2077

126.7275,
130.7405, 150.5070

■ 1.2906, 1.2389,
1.7400

158.8984,
164.1646, 188.2235

■ 0.1761, 0.0932,
0.3879

196.0992,

■ 0.0000, 0.0000,

202.8488, 231.7667

0.0000

238.6954,
247.1776, 281.5554

■ 28.5358, 29.0679,
34.6785

■ 28.5358, 29.0679,
34.6785

■ 25.1173, 24.0466,
33.8899

■ 32.3486, 34.7677,
35.5782

■ 22.0767, 19.6738,
33.2061

■ 36.5663, 41.1668,
36.5910

■ 19.3997, 15.9230,
32.6232

■ 41.2026, 48.2900,
37.7216

■ 17.0706, 12.7642,
32.1363

■ 46.2693, 56.1596,
38.9735

■ 15.0721, 10.1650,
31.7399

■ 51.7779, 64.7968,
40.3503

■ 13.3852, 8.0897,
31.4283

■ 57.7396, 74.2223,
41.8554

■ 11.9890, 6.4983,
31.1947

■ 64.1651, 84.4556,
43.4920

■ 10.8594, 5.3448,
31.0316

■ 66.7064, 86.7996,
43.8105

■ 9.9634, 4.5657,
30.9284

■ 68.6338, 87.7933,
43.9007

Harmonies

Analogous

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



27.8939, 29.0679, 35.6355



28.5358, 29.0679, 34.6785



28.9386, 29.0679, 32.9243

Triad

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



28.5358, 29.0679, 34.6785



28.0696, 29.0679, 28.0967



26.3126, 29.0679, 32.4146

Complementary

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



28.5358, 29.0679, 34.6785



29.0619, 31.5458, 31.3467

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.



26.3579, 29.0679, 30.4090



28.5358, 29.0679, 34.6785



27.3641, 29.0679, 27.9733

Square

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



28.5358, 29.0679, 34.6785



28.6663, 29.0679, 29.1476



26.7400, 29.0679, 28.8032



26.6154, 29.0679, 34.2917

Rectangle

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



28.5358, 29.0679, 34.6785



29.0134, 29.0679, 31.5679



26.7400, 29.0679, 28.8032



26.2878, 29.0679, 31.7322

Sweetspot

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



28.5366, 29.0691, 34.6791



54.3860, 56.5947, 63.5937



28.2662, 29.8647, 34.8469



12.3289, 12.8381, 14.3986



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.



28.5366, 29.0691, 34.6791



50.9925, 51.5532, 62.7995



29.2480, 29.4402, 34.5172



6.3430, 6.4039, 7.8307



7.8859, 3.5164, 25.1708



0.1597, 0.0741, 0.3783

Inverse Universe

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



28.8776, 29.2920, 32.5671



51.7476, 52.0465, 58.1325



28.3793, 31.1899, 31.4962



6.4403, 6.4674, 7.2297



11.7365, 5.9488, 5.1374



0.1934, 0.0961, 0.1711

Previews

White Background



This preview shows how the XYZ color 28.5358, 29.0679, 34.6785 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 28.5358, 29.0679, 34.6785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

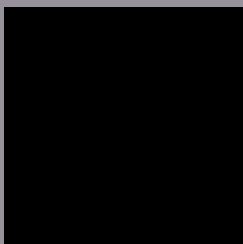
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

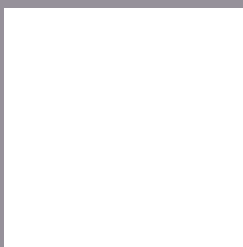
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5358, 29.0679, 34.6785

Background



This preview shows how black text looks on a background with the XYZ color 28.5358, 29.0679, 34.6785.



This preview shows how white text looks on a background with the XYZ color 28.5358, 29.0679,

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

28.5358, 29.0679, 34.6785

Protanopia

28.2279, 29.1274, 35.1447

Deuteranopia

29.4940, 28.8807, 35.0304



Tritanopia

28.7038, 29.1351, 35.5633

Trichromacy

**Original Color**

28.5358, 29.0679, 34.6785

Protanomaly

28.4080, 29.2202, 35.1531

Deuteranomaly

29.0653, 28.8815, 35.0531

Tritanomaly

28.6195, 29.1014, 35.1191

Monochromacy

**Original Color**

28.5358, 29.0679, 34.6785

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3332, 29.4590, 33.0470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5358, 29.0679, 34.6785 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(150, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 154)  
}
```

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(150, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.5358, 29.0679, 34.6785 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(150, 145, 154) }
```


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

```
.border{ border-color:rgb(150, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 145, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 145, 154); box-shadow:4px 4px 4px 4px rgb(150, 145, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5358, 29.0679, 34.6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 154) }
```

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

```
.background{ background-color: rgb(150,  
145, 154) }
```

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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