

Converting Colors

XYZ(29.1201, 30.1686, 35.0855)

Have a look what the booklet for
XYZ(29.1201, 30.1686, 35.0855)
contains.

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Color

**XYZ(29.0840, 30.0304,
35.2739)**

Conversions

Conversions Part 1

Format	Color
Hex	96949B
RGB	150, 148, 155
RGB Percent	59%, 58%, 61%
CMY	0.4118, 0.4196, 0.3922
CMYK	0.03, 0.05, 0.00, 0.39
HSL	257°, 3%, 59%
HSV	257°, 5%, 61%
XYZ	29.0840, 30.0304, 35.2739
YIQ	149.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

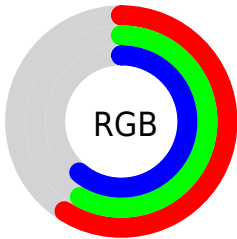
Format	Color
RYB	150, 148, 155
Decimal	9868443
CIELab	61.68, 2.10, -3.43
CIELCh	62, 4.022, 301.515
Yxy	30.0304, 0.3081, 0.3182
Android (android.graphics.Color)	4288058523 (0xFF96949B)
YUV	149.3960, 2.7628, 0.5297
Hunter-Lab	54.8000, -1.1647, 0.1960

Details

The XYZ color **29.0840, 30.0304, 35.2739** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2046, 32.3539, 32.6714**, and the grayscale version is **28.7236, 30.2195, 32.9090**.

A 20% lighter version of the original color is **57.5310, 59.6819, 68.8091**, and **11.9190, 12.2015, 14.8236** is the 20% darker color. If you saturate the color by 10%, you get **24.8714, 24.4886, 34.4267**, and if you desaturate by 10%, it is **33.8166, 36.3252, 36.2399**.

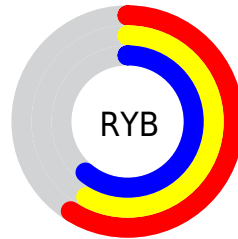
Distribution



Red (59%)

Green (58%)

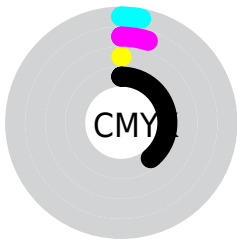
Blue (61%)



Red (59%)

Yellow (58%)

Blue (61%)

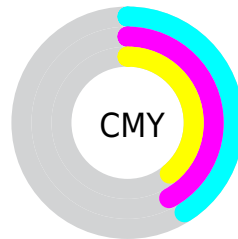


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (39%)



Cyan (41%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0840, 30.0304, 35.2739 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 29.0840, 30.0304, 35.2739 by changing the saturation by 10% instead.

■ 29.0840, 30.0304,
35.2739

■ 29.0840, 30.0304,
35.2739

289.5981,
302.0461, 340.7166

■ 19.2890, 19.8617,
23.5887

■ 57.6072, 59.7103,
69.0662

■ 11.9845, 12.2945,
14.8194

■ 77.0660, 79.9902,
92.0105

■ 6.8053, 6.9446,
8.5475

100.4768,
104.4092, 119.5448

■ 3.3859, 3.4275,
4.3545

128.2050,
133.3519, 152.0877

■ 1.3609, 1.3588,
1.8218

160.6158,
167.2025, 190.0578

■ 0.2281, 0.1860,
0.4423

198.0748,

■ 0.0000, 0.0000,

206.3455, 233.8736

0.0000

240.9471,
251.1652, 283.9537

■ 29.0840, 30.0304,
35.2739

■ 29.0840, 30.0304,
35.2739

■ 24.8714, 24.4886,
34.4267

■ 33.8166, 36.3252,
36.2399

■ 21.1579, 19.6676,
33.6919

■ 39.0838, 43.3961,
37.3271

■ 17.9253, 15.5384,
33.0653

■ 44.9029, 51.2699,
38.5402

■ 15.1530, 12.0686,
32.5416

■ 51.2896, 59.9710,
39.8831

■ 12.8189, 9.2231,
32.1154

■ 58.2589, 69.5227,
41.3594

10.8990, 6.9634,
31.7804

65.8254, 79.9474,
42.9728

9.3668, 5.2470,
31.5299

73.5212, 90.3031,
44.5661

8.1925, 4.0249,
31.3559

77.1385, 92.1679,
44.7354

7.3403, 3.2376,
31.2488

80.9848, 94.1508,
44.9154

Harmonies

Analogous

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



28.5702, 30.0304, 35.7318



29.0840, 30.0304, 35.2739



29.4566, 30.0304, 34.1230

Triad

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



29.0840, 30.0304, 35.2739



29.0363, 30.0304, 30.1768



27.5272, 30.0304, 32.7760

Complementary

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



29.0840, 30.0304, 35.2739



30.2046, 32.3539, 32.6714

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.



27.6485, 30.0304, 31.3132



29.0840, 30.0304, 35.2739



28.5158, 30.0304, 29.8410

Square

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



29.0840, 30.0304, 35.2739



29.4288, 30.0304, 31.1823



28.0087, 30.0304, 30.2507



27.6751, 30.0304, 34.2620

Rectangle

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



29.0840, 30.0304, 35.2739



29.5724, 30.0304, 33.1345



28.0087, 30.0304, 30.2507



27.5378, 30.0304, 32.2653

Sweetspot

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



29.0849, 30.0317, 35.2746



54.9417, 57.5666, 63.7520



29.5241, 31.4513, 35.5254



12.4473, 13.0452, 14.4323



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.



29.0849, 30.0317, 35.2746



51.6220, 53.1676, 63.0779



29.7355, 30.3671, 35.3050



6.3979, 6.5770, 7.8613



5.6287, 2.3528, 25.0652



0.1166, 0.0519, 0.3762

Inverse Universe

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



29.8583, 30.4496, 34.4421



53.1812, 54.0102, 61.3962



29.5566, 32.0198, 32.6411



6.6084, 6.6908, 7.6338



13.1678, 6.5214, 12.6746



0.2122, 0.1036, 0.2704

Previews

White Background



This preview shows how the XYZ color 29.0840, 30.0304, 35.2739 looks on a white background.

Color Contrast Check

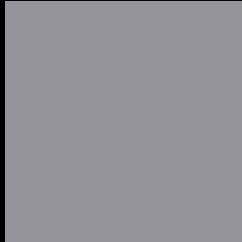
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0840, 30.0304, 35.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

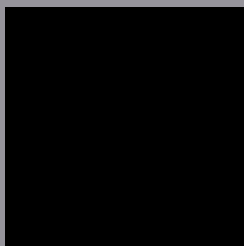
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

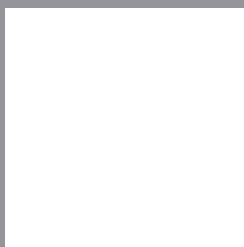
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0840, 30.0304, 35.2739

Background



This preview shows how black text looks on a background with the XYZ color 29.0840, 30.0304, 35.2739.



This preview shows how white text looks on a background with the XYZ color 29.0840, 30.0304,

35.2739.

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

29.0840, 30.0304, 35.2739

Protanopia

29.0840, 30.0304, 35.2739

Deuteranopia

30.4712, 29.8204, 35.6024



Tritanopia

29.4542, 29.9499, 37.0294

Trichromacy



Original Color

29.0840, 30.0304, 35.2739

Protanomaly

29.0840, 30.0304, 35.2739

Deuteranomaly

29.8365, 29.7190, 35.6163

Tritanomaly

29.3678, 29.9154, 36.5741

Monochromacy



Original Color

29.0840, 30.0304, 35.2739

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7278, 30.1188, 33.5776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0840, 30.0304, 35.2739 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, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(150, 148, 155)  
}
```

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, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 148, 155) }
```

Border

The CSS property to change the border of an element to XYZ 29.0840, 30.0304, 35.2739 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, 148, 155) }
```


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

```
.border{ border-color:rgb(150, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(150, 148,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0840, 30.0304, 35.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 148, 155) }
```

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

```
.background{ background-color: rgb(150,  
148, 155) }
```

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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