

Converting Colors

XYZ(29.3025, 29.5273, 34.5398)

Have a look what the booklet for
XYZ(29.3025, 29.5273, 34.5398)
contains.

XYZ(29.2846, 29.4539, 34.7136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2846, 29.4539,
34.7136)**

Conversions

Conversions Part 1

Format	Color
Hex	9A919A
RGB	154, 145, 154
RGB Percent	60%, 57%, 60%
CMY	0.3961, 0.4314, 0.3961
CMYK	0.00, 0.06, 0.00, 0.40
HSL	300°, 4%, 59%
HSV	300°, 6%, 60%
XYZ	29.2846, 29.4539, 34.7136
YIQ	148.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

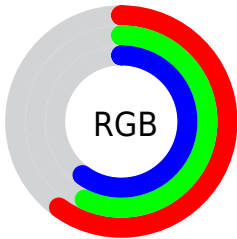
Format	Color
RYB	154, 145, 154
Decimal	10129818
CIELab	61.18, 5.03, -3.56
CIELCh	61, 6.164, 324.720
Yxy	29.4539, 0.3134, 0.3152
Android (android.graphics.Color)	4288319898 (0xFF9A919A)
YUV	148.7170, 2.6045, 4.6332
Hunter-Lab	54.2714, 1.3427, 0.0664

Details

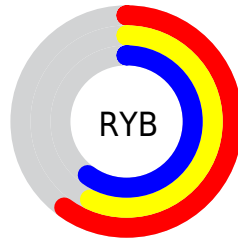
The XYZ color **29.2846, 29.4539, 34.7136** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.3446, 31.1762, 31.3133**, and the grayscale version is **28.4376, 29.9186, 32.5813**.

A 20% lighter version of the original color is **57.8210, 58.8108, 67.9786**, and **12.1339, 12.0473, 14.5178** is the 20% darker color. If you saturate the color by 10%, you get **27.0895, 25.0632, 33.9821**, and if you desaturate by 10%, it is **31.8004, 34.4851, 35.5527**.

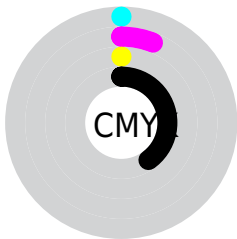
Distribution



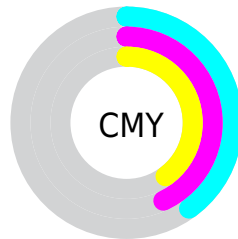
- Red (60%)
- Green (57%)
- Blue (60%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2846, 29.4539, 34.7136 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 29.2846, 29.4539, 34.7136 by changing the saturation by 10% instead.

■ 29.2846, 29.4539,
34.7136

■ 29.2846, 29.4539,
34.7136

290.5255,
299.3506, 338.1681

■ 19.4416, 19.4245,
23.1606

■ 57.9234, 58.7975,
68.1884

■ 12.0957, 11.9774,
14.5057

■ 77.4499, 78.8804,
90.9472

■ 6.8815, 6.7283,
8.3305

100.9349,
103.0833, 118.2784

■ 3.4338, 3.2928,
4.2163

128.7438,
131.7905, 150.6004

■ 1.3871, 1.2864,
1.7448

161.2420,
165.3864, 188.3318

■ 0.2470, 0.1306,
0.3911

198.7947,

■ 0.0000, 0.0000,

204.2555, 231.8913

0.0000

241.7674,
248.7821, 281.6972

■ 29.2846, 29.4539,
34.7136

■ 29.2846, 29.4539,
34.7136

■ 27.0895, 25.0632,
33.9821

■ 31.8004, 34.4851,
35.5527

■ 25.1997, 21.2838,
33.3520

■ 34.6465, 40.1771,
36.5016

■ 23.6026, 18.0897,
32.8195

■ 37.8349, 46.5540,
37.5646

■ 22.2836, 15.4516,
32.3796

■ 41.3767, 53.6374,
38.7453

■ 21.2266, 13.3378,
32.0272

■ 45.2821, 61.4481,
40.0473

■ 20.4144, 11.7133,
31.7562

■ 49.5611, 70.0062,
41.4738

■ 19.8272, 10.5390,
31.5603

■ 54.2233, 79.3306,
43.0280

■ 19.4424, 9.7695,
31.4319

■ 54.9198, 80.7234,
43.2603

■ 19.2287, 9.3422,
31.3605

■ 54.9198, 80.7234,
43.2605

Harmonies

Analogous

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



28.6508, 29.4539, 36.2909



29.2846, 29.4539, 34.7136



29.5732, 29.4539, 32.4821

Triad

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



29.2846, 29.4539, 34.7136



28.1385, 29.4539, 27.8344



26.6053, 29.4539, 33.9702

Complementary

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



29.2846, 29.4539, 34.7136



28.3446, 31.1762, 31.3133

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.



26.4740, 29.4539, 31.6620



29.2846, 29.4539, 34.7136



27.3494, 29.4539, 28.1903

Square

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



29.2846, 29.4539, 34.7136



28.9034, 29.4539, 28.5682



26.7439, 29.4539, 29.5647



27.1059, 29.4539, 35.8475

Rectangle

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



29.2846, 29.4539, 34.7136



29.5271, 29.4539, 30.9512



26.7439, 29.4539, 29.5647



26.5169, 29.4539, 33.2160

Sweetspot

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



29.2854, 29.4552, 34.7142



54.8662, 56.8422, 63.6161



27.6365, 28.6051, 34.6372



12.4311, 12.8908, 14.4033



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.



29.2854, 29.4552, 34.7142



52.6485, 52.4069, 62.8767



28.9177, 29.3081, 32.7774



6.5563, 6.5139, 7.8407



15.6092, 7.4979, 25.5308



0.2334, 0.1121, 0.3817

Inverse Universe

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



29.2854, 29.4552, 34.7142



52.6485, 52.4069, 62.8767



28.6985, 31.3177, 33.1769



6.5563, 6.5139, 7.8407



15.6092, 7.4979, 25.5308



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 29.2846, 29.4539, 34.7136 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 29.2846, 29.4539, 34.7136 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 29.2846, 29.4539, 34.7136

Background



This preview shows how black text looks on a background with the XYZ color 29.2846, 29.4539, 34.7136.



This preview shows how white text looks on a background with the XYZ color 29.2846, 29.4539,

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

29.2846, 29.4539, 34.7136

Protanopia

28.5629, 29.5299, 35.2048

Deuteranopia

29.9533, 29.3489, 34.6581



Tritanopia

29.4526, 29.5211, 35.5983

Trichromacy



Original Color

29.2846, 29.4539, 34.7136

Protanomaly

28.7730, 29.4084, 35.1702

Deuteranomaly

29.7106, 29.4477, 34.6899

Tritanomaly

29.3682, 29.4874, 35.1541

Monochromacy



Original Color

29.2846, 29.4539, 34.7136

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9383, 29.9935, 33.5423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2846, 29.4539, 34.7136 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(154, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 145, 154) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 29.2846, 29.4539, 34.7136 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(154, 145, 154) }
```


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

```
.border{ border-color:rgb(154, 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(154, 145, 154)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 29.2846, 29.4539, 34.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(154,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor