

Converting Colors

XYZ(28.8949, 32.4563, 40.8185)

Have a look what the booklet for
XYZ(28.8949, 32.4563, 40.8185)
contains.

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Color

**XYZ(28.9539, 32.5360,
40.8304)**

Conversions

Conversions Part 1

Format	Color
Hex	859FA6
RGB	133, 159, 166
RGB Percent	52%, 62%, 65%
CMY	0.4784, 0.3765, 0.3490
CMYK	0.20, 0.04, 0.00, 0.35
HSL	193°, 16%, 59%
HSV	193°, 20%, 65%
XYZ	28.9539, 32.5360, 40.8304
YIQ	152.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

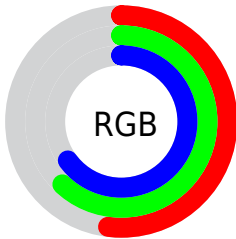
Format	Color
RYB	133, 148, 166
Decimal	8757158
CIELab	63.78, -7.47, -6.67
CIELCh	64, 10.009, 221.764
Yxy	32.5360, 0.2830, 0.3180
Android (android.graphics.Color)	4286947238 (0xFF859FA6)
YUV	152.0240, 6.8902, -16.6840
Hunter-Lab	57.0403, -9.2133, -2.5125

Details

The XYZ color **28.9539, 32.5360, 40.8304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3378, 28.5565, 26.1565**, and the grayscale version is **29.8328, 31.3864, 34.1798**.

A 20% lighter version of the original color is **57.5912, 63.8784, 77.7010**, and **11.9671, 13.7790, 17.9485** is the 20% darker color. If you saturate the color by 10%, you get **25.9409, 30.0977, 40.5191**, and if you desaturate by 10%, it is **32.4003, 35.2250, 41.1683**.

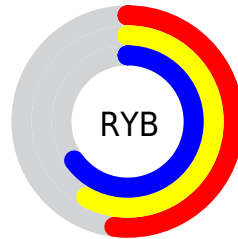
Distribution



Red (52%)

Green (62%)

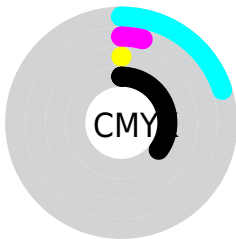
Blue (65%)



Red (52%)

Yellow (58%)

Blue (65%)

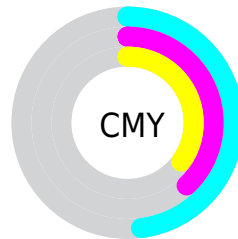


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9539, 32.5360, 40.8304 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 28.9539, 32.5360, 40.8304 by changing the saturation by 10% instead.

■ 28.9539, 32.5360,
40.8304

■ 28.9539, 32.5360,
40.8304

288.9955,
313.5537, 365.2669

■ 19.1901, 21.7712,
27.8679

■ 57.4019, 63.6504,
77.6772

■ 11.9125, 13.6889,
17.9879

■ 76.8168, 84.7689,
102.3986

■ 6.7559, 7.9046,
10.7720

■ 100.1794,
110.1073, 131.8768

■ 3.3549, 4.0340,
5.8015

127.8550,
140.0502, 166.5301

■ 1.3441, 1.6926,
2.6579

160.2091,
174.9819, 206.7773

■ 0.2159, 0.4188,
0.9221

197.6070,

■ 0.0000, 0.0000,

215.2868, 253.0368

0.0000

240.4140,
261.3493, 305.7271

■ 28.9539, 32.5360,
40.8304

■ 28.9539, 32.5360,
40.8304

■ 25.9409, 30.0977,
40.5191

■ 32.4003, 35.2250,
41.1683

■ 23.3389, 27.8958,
40.2312

■ 36.2954, 38.1703,
41.5315

■ 21.1276, 25.9205,
39.9665

■ 40.6574, 41.3823,
41.9216

■ 19.2842, 24.1598,
39.7238

■ 45.5026, 44.8696,
42.3393

■ 17.7829, 22.6002,
39.5019

■ 50.8465, 48.6404,
42.7855

■ 16.5948, 21.2266,
39.2994

■ 56.7038, 52.7025,
43.2609

■ 15.6860, 20.0212,
39.1146

■ 63.0887, 57.0634,
43.7661

■ 14.9807, 18.9449,
38.9441

■ 65.9282, 59.6235,
44.1106

■ 14.9725, 18.9322,
38.9420

■ 66.6850, 61.1372,
44.3629

Harmonies

Analogous

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



28.3557, 32.5360, 37.0262



28.9539, 32.5360, 40.8304



30.0872, 32.5360, 43.2899

Triad

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



28.9539, 32.5360, 40.8304



33.5605, 32.5360, 37.9016



30.3773, 32.5360, 28.3822

Complementary

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



28.9539, 32.5360, 40.8304



29.3378, 28.5565, 26.1565

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.



31.7772, 32.5360, 28.5775



28.9539, 32.5360, 40.8304



33.6439, 32.5360, 33.8729

Square

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



28.9539, 32.5360, 40.8304



32.7580, 32.5360, 41.5128



32.9825, 32.5360, 30.5212



29.1607, 32.5360, 29.9656

Rectangle

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



28.9539, 32.5360, 40.8304



31.0077, 32.5360, 43.7311



32.9825, 32.5360, 30.5212



30.8415, 32.5360, 28.2454

Sweetspot

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



28.9549, 32.5373, 40.8311



61.3685, 65.8873, 74.9583



28.0138, 34.1412, 29.7705



13.6370, 14.6713, 16.7652



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.9549, 32.5373, 40.8311



49.9566, 56.9746, 73.8395



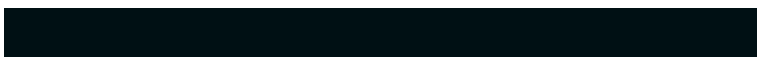
26.3638, 27.3552, 39.9674



7.6105, 8.2580, 9.6112



11.6449, 14.7500, 30.2088



0.3163, 0.4247, 0.7460

Inverse Universe

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



30.3721, 27.3859, 36.4877



53.0540, 45.9690, 64.2904



31.8653, 33.6115, 26.9990



7.7728, 7.6390, 9.1206



15.3784, 7.5601, 17.3361



0.3908, 0.1906, 0.5093

Previews

White Background



This preview shows how the XYZ color 28.9539, 32.5360, 40.8304 looks on a white background.

Color Contrast Check

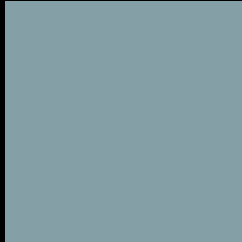
Large Text (above 18pt) WCAG AA × Fail

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 28.9539, 32.5360, 40.8304 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 28.9539, 32.5360, 40.8304

Background



This preview shows how black text looks on a background with the XYZ color 28.9539, 32.5360, 40.8304.



This preview shows how white text looks on a background with the XYZ color 28.9539, 32.5360,

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

28.9539, 32.5360, 40.8304

Protanopia

31.3285, 32.2968, 39.2331

Deuteranopia

33.0785, 32.4264, 41.5613



Tritanopia

29.4091, 32.4623, 43.2439

Trichromacy



Original Color

28.9539, 32.5360, 40.8304

Protanomaly

30.2762, 32.2340, 39.7480

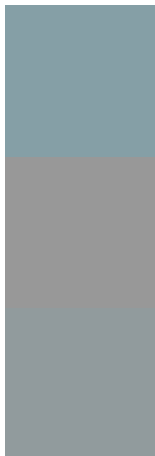
Deuteranomaly

31.3152, 32.2479, 41.1332

Tritanomaly

29.2198, 32.3866, 42.2473

Monochromacy



Original Color

28.9539, 32.5360, 40.8304

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.4842, 31.8968, 36.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9539, 32.5360, 40.8304 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(133, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(133, 159, 166)  
}
```

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(133, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.9539, 32.5360, 40.8304 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(133, 159, 166) }
```


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

```
.border{ border-color:rgb(133, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(133, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9539, 32.5360, 40.8304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 159, 166) }
```

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

```
.background{ background-color: rgb(133,  
159, 166) }
```

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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