

Converting Colors

XYZ(29.8153, 31.9556, 40.5529)

Have a look what the booklet for
XYZ(29.8153, 31.9556, 40.5529)
contains.

XYZ(29.9320, 32.0355, 40.6823)	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(29.9320, 32.0355,
40.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9BA6
RGB	143, 155, 166
RGB Percent	56%, 61%, 65%
CMY	0.4392, 0.3921, 0.3490
CMYK	0.14, 0.07, 0.00, 0.35
HSL	209°, 11%, 61%
HSV	209°, 14%, 65%
XYZ	29.9320, 32.0355, 40.6823
YIQ	152.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

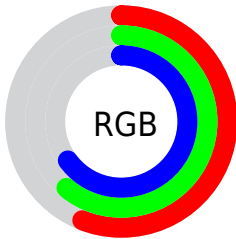
Format	Color
RYB	143, 151, 166
Decimal	9411494
CIELab	63.37, -1.95, -7.20
CIELCh	63, 7.459, 254.873
Yxy	32.0355, 0.2916, 0.3121
Android (android.graphics.Color)	4287601574 (0xFF8F9BA6)
YUV	152.6660, 6.5737, -8.4771
Hunter-Lab	56.5999, -4.6528, -2.9959

Details

The XYZ color **29.9320, 32.0355, 40.6823** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2397, 33.2014, 30.6966**, and the grayscale version is **30.1096, 31.6777, 34.4970**.

A 20% lighter version of the original color is **58.8776, 62.6917, 77.4041**, and **12.5018, 13.4427, 17.8554** is the 20% darker color. If you saturate the color by 10%, you get **25.9905, 28.1073, 40.1323**, and if you desaturate by 10%, it is **34.3875, 36.3593, 41.2826**.

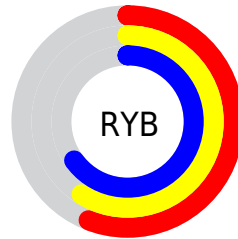
Distribution



Red (56%)

Green (61%)

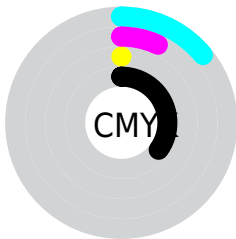
Blue (65%)



Red (56%)

Yellow (59%)

Blue (65%)

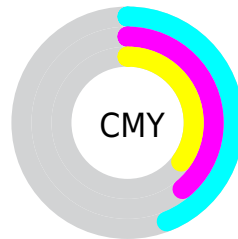


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9320, 32.0355, 40.6823 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 29.9320, 32.0355, 40.6823 by changing the saturation by 10% instead.

■ 29.9320, 32.0355,
40.6823

■ 29.9320, 32.0355,
40.6823

293.5029,
311.2809, 364.6283

■ 19.9348, 21.3886,
27.7531

■ 58.9420, 62.8667,
77.4498

■ 12.4556, 13.4084,
17.9022

■ 78.6855, 83.8199,
102.1252

■ 7.1292, 7.7103,
10.7111

102.4085,
108.9772, 131.5530

■ 3.5901, 3.9102,
5.7612

130.4763,
138.7232, 166.1519

■ 1.4729, 1.6234,
2.6340

163.2542,
173.4421, 206.3403

■ 0.3073, 0.3733,
0.9099

201.1078,

■ 0.0000, 0.0000,

213.5185, 252.5368

0.0000

244.4022,
259.3366, 305.1600

■ 29.9320, 32.0355,
40.6823

■ 29.9320, 32.0355,
40.6823

■ 25.9905, 28.1073,
40.1323

■ 34.3875, 36.3593,
41.2826

■ 22.5399, 24.5578,
39.6291

■ 39.3733, 41.0870,
41.9323

■ 19.5595, 21.3746,
39.1717

■ 44.9083, 46.2314,
42.6336

■ 17.0258, 18.5431,
38.7587

■ 51.0098, 51.8038,
43.3876

■ 14.9133, 16.0473,
38.3883

■ 57.6940, 57.8147,
44.1955

■ 13.1933, 13.8697,
38.0587

■ 64.9768, 64.2745,
45.0585

■ 11.8333, 11.9906,
37.7677

■ 71.3100, 70.3872,
45.9046

■ 10.7948, 10.3872,
37.5129

■ 73.3257, 74.4186,
46.5765

■ 10.2608, 9.5088,
37.3715

■ 75.4401, 78.6473,
47.2812

Harmonies

Analogous

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



29.0591, 32.0355, 39.0623



29.9320, 32.0355, 40.6823



30.9629, 32.0355, 40.6895

Triad

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



29.9320, 32.0355, 40.6823



32.4145, 32.0355, 33.4375



29.0651, 32.0355, 30.9932

Complementary

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



29.9320, 32.0355, 40.6823



32.2397, 33.2014, 30.6966

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.



29.9404, 32.0355, 29.6537



29.9320, 32.0355, 40.6823



31.8821, 32.0355, 31.0097

Square

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



29.9320, 32.0355, 40.6823



32.4122, 32.0355, 36.3910



30.9715, 32.0355, 29.6596



28.5663, 32.0355, 33.4138

Rectangle

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



29.9320, 32.0355, 40.6823



31.6018, 32.0355, 39.7732



30.9715, 32.0355, 29.6596



29.3242, 32.0355, 30.4078

Sweetspot

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



29.9329, 32.0368, 40.6830



62.2216, 65.8079, 74.8980



30.7751, 35.4369, 35.6742



13.7845, 14.5926, 16.7423



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.



29.9329, 32.0368, 40.6830



51.7450, 55.5953, 73.4790



28.1493, 28.4694, 40.0885



7.4435, 7.9239, 9.5555



8.0037, 7.4676, 28.9950



0.2455, 0.2832, 0.7224

Inverse Universe

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



31.4655, 30.1192, 35.1670



55.1666, 51.4462, 61.1348



34.1816, 37.0853, 31.3439



7.6885, 7.6052, 8.6766



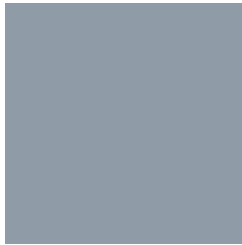
13.5405, 6.8249, 7.6578



0.3551, 0.1763, 0.3213

Previews

White Background



This preview shows how the XYZ color 29.9320, 32.0355, 40.6823 looks on a white background.

Color Contrast Check

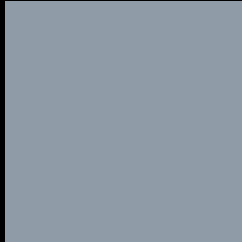
Large Text (above 18pt) WCAG AA × Fail

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 29.9320, 32.0355, 40.6823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

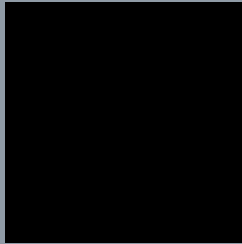
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

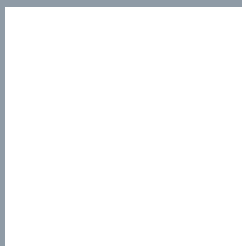
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9320, 32.0355, 40.6823

Background



This preview shows how black text looks on a background with the XYZ color 29.9320, 32.0355, 40.6823.



This preview shows how white text looks on a background with the XYZ color 29.9320, 32.0355,

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

29.9320, 32.0355, 40.6823

Protanopia

31.0659, 31.9091, 39.6437

Deuteranopia

32.6228, 31.9663, 41.0099



Tritanopia

30.0241, 32.0723, 41.1674

Trichromacy



Original Color

29.9320, 32.0355, 40.6823

Protanomaly

30.5772, 31.8886, 40.1408

Deuteranomaly

31.5592, 31.8918, 41.0516

Tritanomaly

30.0241, 32.0723, 41.1674

Monochromacy



Original Color

29.9320, 32.0355, 40.6823

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1216, 31.9694, 36.9309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9320, 32.0355, 40.6823 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(143, 155, 166)` looks like.

```
.text, #text, p{  
    color:rgb(143, 155, 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(143, 155, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 155, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.9320, 32.0355, 40.6823 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(143, 155, 166) }
```


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

```
.border{ border-color:rgb(143, 155, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 155, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 155, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 155, 166);  
box-shadow:4px 4px 4px 4px rgb(143, 155,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9320, 32.0355, 40.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 155, 166) }
```

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

```
.background{ background-color: rgb(143,  
155, 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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