

Converting Colors

XYZ(29.5909, 32.8392, 39.5233)

Have a look what the booklet for
XYZ(29.5909, 32.8392, 39.5233)
contains.

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Color

**XYZ(29.6565, 32.9296,
39.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9FA3
RGB	139, 159, 163
RGB Percent	55%, 62%, 64%
CMY	0.4549, 0.3765, 0.3608
CMYK	0.15, 0.02, 0.00, 0.36
HSL	190°, 12%, 59%
HSV	190°, 15%, 64%
XYZ	29.6565, 32.9296, 39.4433
YIQ	153.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

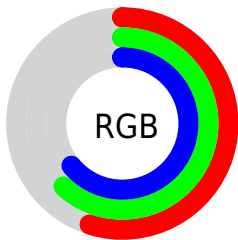
Format	Color
RYB	139, 150, 163
Decimal	9150371
CIELab	64.10, -6.15, -4.46
CIELCh	64, 7.596, 215.974
Yxy	32.9296, 0.2907, 0.3227
Android (android.graphics.Color)	4287340451 (0xFF8B9FA3)
YUV	153.4760, 4.6953, -12.6955
Hunter-Lab	57.3843, -8.1729, -0.5842

Details

The XYZ color **29.6565, 32.9296, 39.4433** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5872, 29.2956, 28.5220**, and the grayscale version is **30.4708, 32.0577, 34.9108**.

A 20% lighter version of the original color is **58.6938, 64.4925, 75.6845**, and **12.3516, 13.9967, 17.0896** is the 20% darker color. If you saturate the color by 10%, you get **26.6736, 30.7072, 39.1721**, and if you desaturate by 10%, it is **33.0574, 35.3845, 39.7384**.

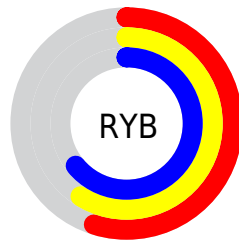
Distribution



Red (55%)

Green (62%)

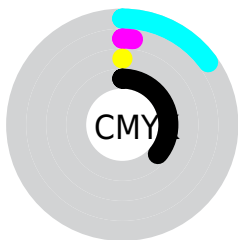
Blue (64%)



Red (55%)

Yellow (59%)

Blue (64%)

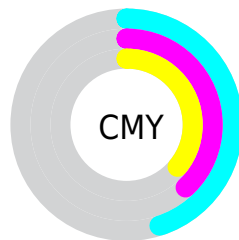


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6565, 32.9296, 39.4433 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 29.6565, 32.9296, 39.4433 by changing the saturation by 10% instead.

■ 29.6565, 32.9296,
39.4433

■ 29.6565, 32.9296,
39.4433

292.2387,
315.3324, 359.2536

■ 19.7248, 22.0725,
26.7943

■ 58.5089, 64.2656,
75.5428

■ 12.3022, 13.9102,
17.1877

■ 78.1603, 85.5133,
99.8304

■ 7.0235, 8.0582,
10.2050

■ 101.7823,
110.9934, 128.8346

■ 3.5233, 4.1322,
5.4277

129.7402,
141.0901, 162.9740

■ 1.4361, 1.7478,
2.4373

162.3995,
176.1880, 202.6670

■ 0.2818, 0.4543,
0.8066

200.1254,

■ 0.0000, 0.0000,

216.6714, 248.3323

0.0000

243.2833,
262.9248, 300.3883

■ 29.6565, 32.9296,
39.4433

■ 29.6565, 32.9296,
39.4433

■ 26.6736, 30.7072,
39.1721

■ 33.0574, 35.3845,
39.7384

■ 24.0879, 28.7037,
38.9216

■ 36.8902, 38.0765,
40.0560

■ 21.8810, 26.9106,
38.6919

■ 41.1719, 41.0154,
40.3976

■ 20.0320, 25.3170,
38.4817

■ 45.9176, 44.2089,
40.7639

■ 18.5179, 23.9108,
38.2901

■ 51.1415, 47.6646,
41.1556

■ 17.3128, 22.6786,
38.1158

■ 56.8575, 51.3896,
41.5733

■ 16.3871, 21.6052,
37.9574

■ 63.0787, 55.3909,
42.0178

■ 15.7044, 20.6715,
37.8131

■ 64.3189, 56.8403,
42.2321

■ 15.3939, 20.2103,
37.7405

■ 64.8753, 57.9532,
42.4176

Harmonies

Analogous

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



29.2888, 32.9296, 36.4740



29.6565, 32.9296, 39.4433



30.4651, 32.9296, 41.5340

Triad

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



29.6565, 32.9296, 39.4433



33.2234, 32.9296, 38.3177



31.0841, 32.9296, 30.2870

Complementary

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



29.6565, 32.9296, 39.4433



29.5872, 29.2956, 28.5220

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.



32.1472, 32.9296, 30.7183



29.6565, 32.9296, 39.4433



33.3983, 32.9296, 35.2425

Square

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



29.6565, 32.9296, 39.4433



32.5277, 32.9296, 40.8586



33.0002, 32.9296, 32.4907



30.1008, 32.9296, 31.2771

Rectangle

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



29.6565, 32.9296, 39.4433



31.1538, 32.9296, 42.0856



33.0002, 32.9296, 32.4907



31.4438, 32.9296, 30.2713

Sweetspot

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



29.6575, 32.9310, 39.4440



59.6241, 63.6699, 71.2031



28.6730, 33.6550, 30.8135



13.2852, 14.2245, 15.9829



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.6575, 32.9310, 39.4440



51.0998, 57.4915, 70.4598



27.7550, 29.1261, 38.8099



7.1752, 7.8095, 9.0323



11.9921, 15.7636, 29.3404



0.2770, 0.3814, 0.6249

Inverse Universe

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



30.5957, 28.7557, 36.7403



53.1566, 48.4672, 64.5037



31.4199, 32.9610, 29.1329



7.3134, 7.1818, 8.6369



15.1985, 7.4355, 18.7678



0.3320, 0.1613, 0.4610

Previews

White Background



This preview shows how the XYZ color 29.6565, 32.9296, 39.4433 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 29.6565, 32.9296, 39.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

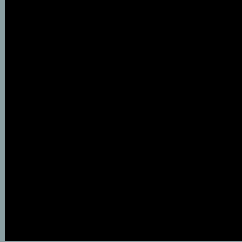
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.6565, 32.9296, 39.4433

Background



This preview shows how black text looks on a background with the XYZ color 29.6565, 32.9296, 39.4433.



This preview shows how white text looks on a background with the XYZ color 29.6565, 32.9296,

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

29.6565, 32.9296, 39.4433

Protanopia

31.6111, 32.7172, 37.9067

Deuteranopia

33.5840, 32.9568, 40.1885



Tritanopia

30.2978, 32.9314, 42.7898

Trichromacy



Original Color

29.6565, 32.9296, 39.4433

Protanomaly

30.8992, 32.8342, 38.4273

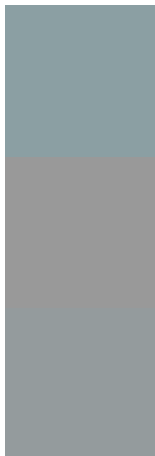
Deuteranomaly

31.9667, 32.8595, 39.7796

Tritanomaly

30.0171, 32.8192, 41.3119

Monochromacy



Original Color

29.6565, 32.9296, 39.4433

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.0199, 32.1729, 36.5261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6565, 32.9296, 39.4433 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(139, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(139, 159, 163)  
}
```

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(139, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 159, 163) }
```

Border

The CSS property to change the border of an element to XYZ 29.6565, 32.9296, 39.4433 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(139, 159, 163) }
```


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

```
.border{ border-color:rgb(139, 159, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(139, 159,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6565, 32.9296, 39.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 159, 163) }
```

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

```
.background{ background-color: rgb(139,  
159, 163) }
```

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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