

Converting Colors

XYZ(29.0136, 32.4824, 39.2121)

Have a look what the booklet for
XYZ(29.0136, 32.4824, 39.2121)
contains.

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Color

**XYZ(29.1623, 32.6749,
39.4202)**

Conversions

Conversions Part 1

Format	Color
Hex	889FA3
RGB	136, 159, 163
RGB Percent	53%, 62%, 64%
CMY	0.4667, 0.3765, 0.3608
CMYK	0.17, 0.02, 0.00, 0.36
HSL	189°, 13%, 59%
HSV	189°, 17%, 64%
XYZ	29.1623, 32.6749, 39.4202
YIQ	152.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

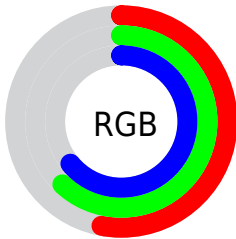
Format	Color
R_{YB}	136, 148, 163
Decimal	8953763
CIE _{Lab}	63.90, -7.15, -4.79
CIE _{LCh}	64, 8.606, 213.829
Yxy	32.6749, 0.2880, 0.3227
Android (android.graphics.Color)	4287143843 (0xFF889FA3)
YUV	152.5790, 5.1376, -14.5398
Hunter-Lab	57.1620, -8.9681, -0.8744

Details

The XYZ color **29.1623, 32.6749, 39.4202** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9264, 28.3200, 27.2347**, and the grayscale version is **30.0793, 31.6457, 34.4622**.

A 20% lighter version of the original color is **57.9367, 64.1022, 75.6490**, and **12.0696, 13.8513, 17.0764** is the 20% darker color. If you saturate the color by 10%, you get **26.3031, 30.5917, 39.1693**, and if you desaturate by 10%, it is **32.4342, 34.9846, 39.6941**.

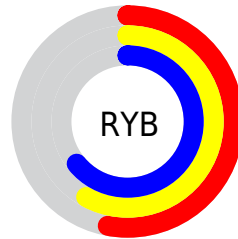
Distribution



Red (53%)

Green (62%)

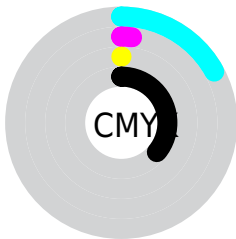
Blue (64%)



Red (53%)

Yellow (58%)

Blue (64%)

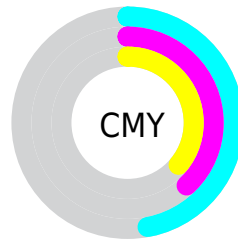


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1623, 32.6749, 39.4202 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 29.1623, 32.6749, 39.4202 by changing the saturation by 10% instead.

■ 29.1623, 32.6749,
39.4202

■ 29.1623, 32.6749,
39.4202

289.9604,
314.1823, 359.1529

■ 19.3485, 21.8775,
26.7764

■ 57.7306, 63.8676,
75.5072

■ 12.0279, 13.7669,
17.1744

■ 77.2159, 85.0318,
99.7875

■ 6.8350, 7.9587,
10.1957

■ 100.6557,
110.4203, 128.7838

■ 3.4045, 4.0686,
5.4216

128.4154,
140.4176, 162.9145

■ 1.3711, 1.7120,
2.4337

160.8604,
175.4080, 202.5982

■ 0.2355, 0.4314,
0.8047

198.3560,

■ 0.0000, 0.0000,

215.7760, 248.2535

0.0000

241.2675,
261.9060, 300.2989

■ 29.1623, 32.6749,
39.4202

■ 29.1623, 32.6749,
39.4202

■ 26.3031, 30.5917,
39.1693

■ 32.4342, 34.9846,
39.6941

■ 23.8354, 28.7214,
38.9384

■ 36.1328, 37.5256,
39.9896

■ 21.7408, 27.0553,
38.7272

■ 40.2753, 40.3075,
40.3082

■ 19.9979, 25.5824,
38.5348

■ 44.8768, 43.3383,
40.6507

■ 18.5832, 24.2905,
38.3599

■ 49.9518, 46.6254,
41.0177

■ 17.4705, 23.1659,
38.2015

■ 55.5141, 50.1762,
41.4099

■ 16.6291, 22.1927,
38.0580

■ 61.5769, 53.9974,
41.8279

■ 16.0150, 21.3483,
37.9274

■ 63.8331, 55.8687,
42.0702

■ 15.8245, 21.0715,
37.8840

■ 64.3186, 56.8397,
42.2321

Harmonies

Analogous

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



28.7909, 32.6749, 36.0246



29.1623, 32.6749, 39.4202



30.0409, 32.6749, 41.9036

Triad

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



29.1623, 32.6749, 39.4202



33.1933, 32.6749, 38.6001



30.9013, 32.6749, 29.3304

Complementary

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



29.1623, 32.6749, 39.4202



28.9264, 28.3200, 27.2347

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.



32.0947, 32.6749, 29.9223



29.1623, 32.6749, 39.4202



33.4380, 32.6749, 35.1340

Square

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



29.1623, 32.6749, 39.4202



32.3708, 32.6749, 41.4089



33.0310, 32.6749, 31.9928



29.7783, 32.6749, 30.3208

Rectangle

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



29.1623, 32.6749, 39.4202



30.8069, 32.6749, 42.6270



33.0310, 32.6749, 31.9928



31.3075, 32.6749, 29.3513

Sweetspot

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



29.1633, 32.6763, 39.4209



59.0122, 63.2970, 71.1634



27.9552, 33.3108, 29.6133



13.1589, 14.1503, 15.9753



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.



29.1633, 32.6763, 39.4209



50.1935, 57.0523, 70.4228



27.0281, 28.4060, 38.7092



7.1864, 7.8317, 9.0360



12.3243, 16.4280, 29.4511



0.2817, 0.3907, 0.6264

Inverse Universe

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



30.1671, 27.8986, 36.5975



52.3639, 46.8665, 64.2865



30.9563, 32.3798, 27.9113



7.3190, 7.1841, 8.6665



15.3662, 7.5025, 19.6508



0.3344, 0.1622, 0.4734

Previews

White Background



This preview shows how the XYZ color 29.1623, 32.6749, 39.4202 looks on a white background.

Color Contrast Check

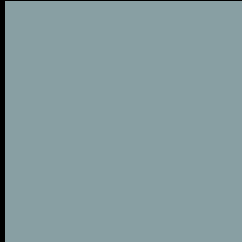
Large Text (above 18pt) WCAG AA × Fail

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 29.1623, 32.6749, 39.4202 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

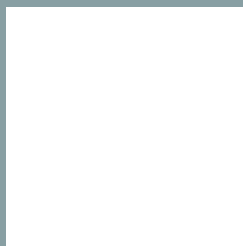
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1623, 32.6749, 39.4202

Background



This preview shows how black text looks on a background with the XYZ color 29.1623, 32.6749, 39.4202.



This preview shows how white text looks on a background with the XYZ color 29.1623, 32.6749,

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

29.1623, 32.6749, 39.4202

Protanopia

31.6111, 32.7172, 37.9067

Deuteranopia

33.2149, 32.5286, 40.1253



Tritanopia

29.7991, 32.6744, 42.7664

Trichromacy



Original Color

29.1623, 32.6749, 39.4202

Protanomaly

30.7159, 32.7397, 38.4187

Deuteranomaly

31.4185, 32.3328, 39.7069

Tritanomaly

29.5184, 32.5621, 41.2885

Monochromacy



Original Color

29.1623, 32.6749, 39.4202

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.8398, 32.0801, 36.5176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1623, 32.6749, 39.4202 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(136, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(136, 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(136, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 159, 163) }
```

Border

The CSS property to change the border of an element to XYZ 29.1623, 32.6749, 39.4202 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(136, 159, 163) }
```


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

```
.border{ border-color:rgb(136, 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(136, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(136, 159,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1623, 32.6749, 39.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 159, 163) }
```

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

```
.background{ background-color: rgb(136,  
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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