

Converting Colors

XYZ(29.3729, 32.6013, 36.1387)

Have a look what the booklet for
XYZ(29.3729, 32.6013, 36.1387)
contains.

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Color

**XYZ(29.3829, 32.6048,
36.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9E9C
RGB	142, 158, 156
RGB Percent	56%, 62%, 61%
CMY	0.4431, 0.3804, 0.3882
CMYK	0.10, 0.00, 0.01, 0.38
HSL	172°, 8%, 59%
HSV	172°, 10%, 62%
XYZ	29.3829, 32.6048, 36.1972
YIQ	152.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

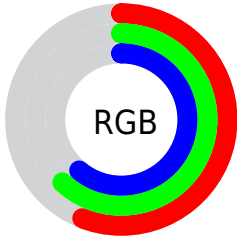
Format	Color
RYB	142, 151, 158
Decimal	9346716
CIELab	63.84, -6.05, -0.89
CIELCh	64, 6.120, 188.399
Yxy	32.6048, 0.2993, 0.3321
Android (android.graphics.Color)	4287536796 (0xFF8E9E9C)
YUV	152.9880, 1.4849, -9.6365
Hunter-Lab	57.1006, -8.0733, 2.3853

Details

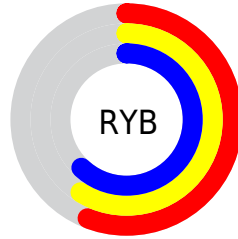
The XYZ color **29.3829, 32.6048, 36.1972** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8087, 28.6295, 30.3946**, and the grayscale version is **30.2703, 31.8467, 34.6811**.

A 20% lighter version of the original color is **58.1921, 63.9774, 70.2546**, and **12.2211, 13.8106, 15.3862** is the 20% darker color. If you saturate the color by 10%, you get **26.6960, 31.2397, 35.2052**, and if you desaturate by 10%, it is **32.4587, 34.1718, 37.2230**.

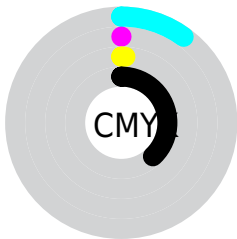
Distribution



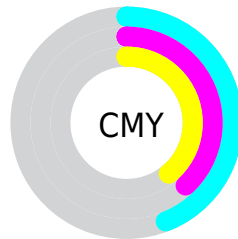
- Red (56%)
- Green (62%)
- Blue (61%)



- Red (56%)
- Yellow (59%)
- Blue (62%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3829, 32.6048, 36.1972 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 29.3829, 32.6048, 36.1972 by changing the saturation by 10% instead.

■ 29.3829, 32.6048,
36.1972

■ 29.3829, 32.6048,
36.1972

290.9790,
313.8652, 344.8851

■ 19.5164, 21.8239,
24.2956

■ 58.0782, 63.7580,
70.5088

■ 12.1502, 13.7275,
15.3388

■ 77.6378, 84.8991,
93.7559

■ 6.9190, 7.9314,
8.9083

■ 101.1591,
110.2624, 121.6220

■ 3.4574, 4.0511,
4.5854

129.0075,
140.2322, 154.5255

■ 1.4000, 1.7022,
1.9517

161.5483,
175.1930, 192.8850

■ 0.2562, 0.4251,
0.5253

199.1470,

■ 0.0000, 0.0000,

215.5292, 237.1191

0.0000

242.1687,
261.6251, 287.6463

■ 29.3829, 32.6048,
36.1972

■ 29.3829, 32.6048,
36.1972

■ 26.6960, 31.2397,
35.2052

■ 32.4587, 34.1718,
37.2230

■ 24.3791, 30.0642,
34.2439

■ 35.9357, 35.9445,
38.2813

■ 22.4160, 29.0707,
33.3133

■ 39.8292, 37.9315,
39.3733

■ 20.7879, 28.2497,
32.4124

■ 44.1529, 40.1400,
40.5000

■ 19.4746, 27.5906,
31.5402

■ 48.9197, 42.5766,
41.6619

■ 18.4536, 27.0819,
30.6956

■ 54.1421, 45.2477,
42.8596

■ 17.6992, 26.7103,
29.8773

■ 59.8320, 48.1596,
44.0938

■ 17.1815, 26.4605,
29.0838

■ 60.8965, 48.6866,
45.1263

■ 16.8317, 26.2967,
28.3215

■ 61.0876, 48.7630,
46.1326

Harmonies

Analogous

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



29.4780, 32.6048, 33.7863



29.3829, 32.6048, 36.1972



29.7121, 32.6048, 38.5241

Triad

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



29.3829, 32.6048, 36.1972



32.0282, 32.6048, 39.3427



31.6025, 32.6048, 31.2781

Complementary

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



29.3829, 32.6048, 36.1972



28.8087, 28.6295, 30.3946

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.



32.3037, 32.6048, 32.6405



29.3829, 32.6048, 36.1972



32.5526, 32.6048, 37.2729

Square

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



29.3829, 32.6048, 36.1972



31.2320, 32.6048, 40.3943



32.6544, 32.6048, 34.8140



30.7490, 32.6048, 31.0199

Rectangle

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



29.3829, 32.6048, 36.1972



30.1316, 32.6048, 39.6886



32.6544, 32.6048, 34.8140



31.8643, 32.6048, 31.6190

Sweetspot

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



29.3838, 32.6062, 36.1979



57.2311, 61.1813, 67.0418



28.6352, 32.3494, 30.3264



12.8022, 13.7421, 15.0815



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.3838, 32.6062, 36.1979



52.2727, 58.6575, 65.3474



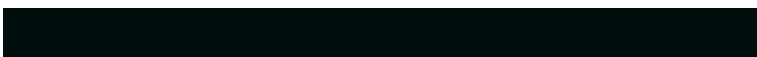
28.5777, 30.7203, 36.7728



6.7861, 7.4952, 8.3082



13.4897, 21.0638, 22.7336



0.2502, 0.3802, 0.4541

Inverse Universe

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



28.8087, 28.6295, 30.3946



51.0290, 50.0571, 52.7971



29.5531, 30.3611, 29.8943



6.6652, 6.6590, 7.0879



11.4012, 5.8651, 1.0978



0.2124, 0.1083, 0.0647

Previews

White Background



This preview shows how the XYZ color 29.3829, 32.6048, 36.1972 looks on a white background.

Color Contrast Check

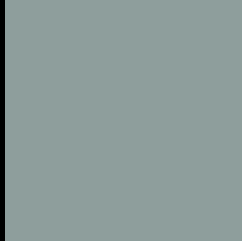
Large Text (above 18pt) WCAG AA × Fail

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 29.3829, 32.6048, 36.1972 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

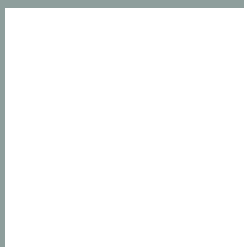
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3829, 32.6048, 36.1972

Background



This preview shows how black text looks on a background with the XYZ color 29.3829, 32.6048, 36.1972.

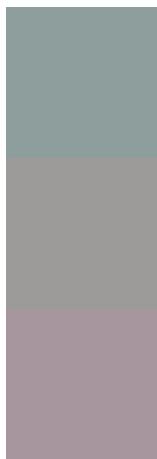


This preview shows how white text looks on a background with the XYZ color 29.3829, 32.6048,

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

29.3829, 32.6048, 36.1972

Protanopia

31.2930, 32.6124, 35.2174

Deuteranopia

33.2264, 32.6061, 36.8901



Tritanopia

30.4579, 32.5334, 41.7201

Trichromacy



Original Color

29.3829, 32.6048, 36.1972

Protanomaly

30.5866, 32.4846, 35.6684

Deuteranomaly

31.7751, 32.5877, 36.5136

Tritanomaly

30.0855, 32.6339, 39.8353

Monochromacy



Original Color

29.3829, 32.6048, 36.1972

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9485, 32.1653, 35.2019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3829, 32.6048, 36.1972 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(142, 158, 156) looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 156)  
}
```

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(142, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.3829, 32.6048, 36.1972 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(142, 158, 156) }
```


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

```
.border{ border-color:rgb(142, 158, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 158, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3829, 32.6048, 36.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 156) }
```

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

```
.background{ background-color: rgb(142,  
158, 156) }
```

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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