

Converting Colors

XYZ(29.9127, 32.3159, 38.8438)

Have a look what the booklet for
XYZ(29.9127, 32.3159, 38.8438)
contains.

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Color

**XYZ(29.9117, 32.3149,
38.8433)**

Conversions

Conversions Part 1

Format	Color
Hex	909CA2
RGB	144, 156, 162
RGB Percent	56%, 61%, 64%
CMY	0.4353, 0.3882, 0.3647
CMYK	0.11, 0.04, 0.00, 0.36
HSL	200°, 9%, 60%
HSV	200°, 11%, 64%
XYZ	29.9117, 32.3149, 38.8433
YIQ	153.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

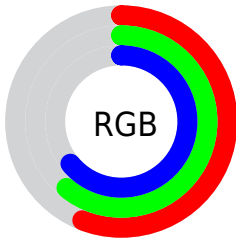
Format	Color
RYB	144, 151, 162
Decimal	9477282
CIELab	63.60, -3.02, -4.60
CIELCh	64, 5.500, 236.756
Yxy	32.3149, 0.2960, 0.3197
Android (android.graphics.Color)	4287667362 (0xFF909CA2)
YUV	153.0960, 4.3897, -7.9772
Hunter-Lab	56.8462, -5.5566, -0.7208

Details

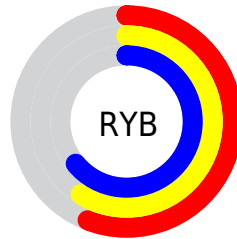
The XYZ color **29.9117, 32.3149, 38.8433** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8409, 31.5076, 30.8423**, and the grayscale version is **30.3052, 31.8834, 34.7210**.

A 20% lighter version of the original color is **58.8597, 63.1087, 74.7246**, and **12.4821, 13.6086, 16.7207** is the 20% darker color. If you saturate the color by 10%, you get **26.3972, 29.1890, 38.4257**, and if you desaturate by 10%, it is **33.8744, 35.7334, 39.2948**.

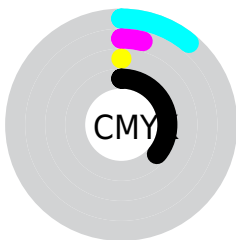
Distribution



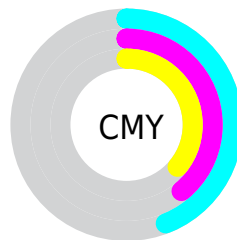
- Red (56%)
- Green (61%)
- Blue (64%)



- Red (56%)
- Yellow (59%)
- Blue (64%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9117, 32.3149, 38.8433 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 29.9117, 32.3149, 38.8433 by changing the saturation by 10% instead.

■ 29.9117, 32.3149,
38.8433

■ 29.9117, 32.3149,
38.8433

293.4099,
312.5512, 356.6299

■ 19.9193, 21.6021,
26.3310

■ 58.9101, 63.3044,
74.6166

■ 12.4443, 13.5649,
16.8434

■ 78.6468, 84.3500,
98.7146

■ 7.1214, 7.8186,
9.9621

102.3624,
109.6086, 127.5116

■ 3.5851, 3.9791,
5.2686

130.4221,
139.4646, 161.4260

■ 1.4702, 1.6619,
2.3442

163.1913,
174.3025, 200.8766

■ 0.3054, 0.3988,
0.7558

201.0355,

■ 0.0000, 0.0000,

214.5067, 246.2817

0.0000

244.3199,
260.4614, 298.0599

■ 29.9117, 32.3149,
38.8433

■ 29.9117, 32.3149,
38.8433

■ 26.3972, 29.1890,
38.4257

■ 33.8744, 35.7334,
39.2948

■ 23.3103, 26.3417,
38.0388

■ 38.2992, 39.4497,
39.7789

■ 20.6331, 23.7637,
37.6823

■ 43.2028, 43.4741,
40.2972

■ 18.3450, 21.4438,
37.3551

■ 48.6002, 47.8151,
40.8507

■ 16.4237, 19.3696,
37.0560

■ 54.5058, 52.4808,
41.4400

■ 14.8444, 17.5275,
36.7837

■ 60.9333, 57.4789,
42.0659

■ 13.5789, 15.9021,
36.5366

■ 67.0066, 62.3585,
42.6877

■ 12.5941, 14.4754,
36.3132

■ 68.2282, 64.8017,
43.0949

■ 11.8865, 13.3384,
36.1310

■ 69.4939, 67.3331,
43.5168

Harmonies

Analogous

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



29.4142, 32.3149, 37.1244



29.9117, 32.3149, 38.8433



30.6308, 32.3149, 39.5802

Triad

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



29.9117, 32.3149, 38.8433



32.2128, 32.3149, 35.4253



30.0542, 32.3149, 31.5417

Complementary

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



29.9117, 32.3149, 38.8433



30.8409, 31.5076, 30.8423

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.



30.7980, 32.3149, 31.1287



29.9117, 32.3149, 38.8433



32.0522, 32.3149, 33.3151

Square

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



29.9117, 32.3149, 38.8433



31.9663, 32.3149, 37.5558



31.5312, 32.3149, 31.7647



29.4955, 32.3149, 32.9170

Rectangle

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



29.9117, 32.3149, 38.8433



31.1422, 32.3149, 39.3935



31.5312, 32.3149, 31.7647



30.2905, 32.3149, 31.2882

Sweetspot

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



29.9126, 32.3163, 38.8440



60.0312, 63.6213, 71.1723



29.9034, 33.9629, 33.7077



13.3519, 14.1770, 15.9702



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.



29.9126, 32.3163, 38.8440



52.8730, 57.4105, 70.3508



28.5042, 29.4995, 38.3746



7.0763, 7.6117, 8.9993



9.4051, 10.5895, 28.4781



0.2382, 0.3038, 0.6119

Inverse Universe

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



30.8751, 30.0289, 35.6230



54.9371, 52.5695, 63.4283



32.2815, 34.3888, 31.3225



7.2635, 7.1619, 8.3740



13.8927, 6.9131, 11.8916



0.3124, 0.1535, 0.3579

Previews

White Background



This preview shows how the XYZ color 29.9117, 32.3149, 38.8433 looks on a white background.

Color Contrast Check

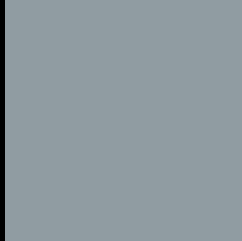
Large Text (above 18pt) WCAG AA × Fail

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 29.9117, 32.3149, 38.8433 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

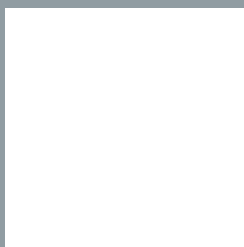
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9117, 32.3149, 38.8433

Background



This preview shows how black text looks on a background with the XYZ color 29.9117, 32.3149, 38.8433.



This preview shows how white text looks on a background with the XYZ color 29.9117, 32.3149,

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

29.9117, 32.3149, 38.8433

Protanopia

31.2540, 32.2891, 37.8429

Deuteranopia

32.6681, 32.0317, 39.1113



Tritanopia

30.3735, 32.2525, 41.1837

Trichromacy



Original Color

29.9117, 32.3149, 38.8433

Protanomaly

30.7511, 32.2637, 38.3250

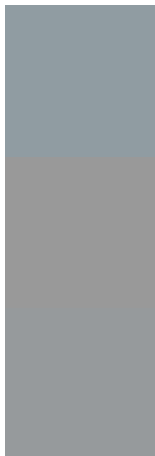
Deuteranomaly

31.7437, 32.2689, 39.2058

Tritanomaly

30.1899, 32.1790, 40.2173

Monochromacy



Original Color

29.9117, 32.3149, 38.8433

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1340, 31.9955, 36.0400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9117, 32.3149, 38.8433 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(144, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(144, 156, 162)  
}
```

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(144, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.9117, 32.3149, 38.8433 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(144, 156, 162) }
```


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

```
.border{ border-color:rgb(144, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(144, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9117, 32.3149, 38.8433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 156, 162) }
```

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

```
.background{ background-color: rgb(144,  
156, 162) }
```

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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