

Converting Colors

XYZ(29.2419, 32.8017, 36.7988)

Have a look what the booklet for
XYZ(29.2419, 32.8017, 36.7988)
contains.

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Color

**XYZ(29.1314, 32.7196,
36.6784)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9F9D
RGB	139, 159, 157
RGB Percent	55%, 62%, 62%
CMY	0.4549, 0.3765, 0.3843
CMYK	0.13, 0.00, 0.01, 0.38
HSL	174°, 9%, 58%
HSV	174°, 13%, 62%
XYZ	29.1314, 32.7196, 36.6784
YIQ	152.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

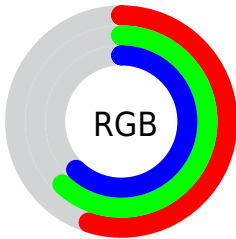
Format	Color
RYB	139, 150, 159
Decimal	9150365
CIELab	63.93, -7.43, -1.34
CIElCh	64, 7.546, 190.258
Yxy	32.7196, 0.2957, 0.3321
Android (android.graphics.Color)	4287340445 (0xFF8B9F9D)
YUV	152.7920, 2.0745, -12.0956
Hunter-Lab	57.2010, -9.1952, 2.0229

Details

The XYZ color **29.1314, 32.7196, 36.6784** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3396, 27.7601, 29.0654**, and the grayscale version is **30.1834, 31.7553, 34.5815**.

A 20% lighter version of the original color is **57.9226, 64.1841, 71.6233**, and **12.0839, 13.8896, 15.6797** is the 20% darker color. If you saturate the color by 10%, you get **26.5324, 31.3963, 35.8525**, and if you desaturate by 10%, it is **32.1202, 34.2455, 37.5331**.

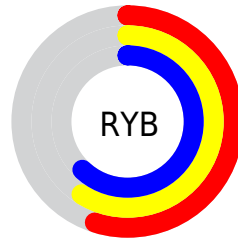
Distribution



Red (55%)

Green (62%)

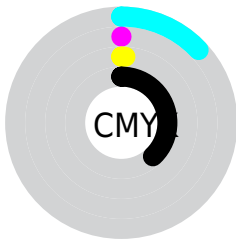
Blue (62%)



Red (55%)

Yellow (59%)

Blue (62%)

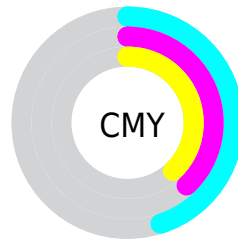


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (45%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1314, 32.7196, 36.6784 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 29.1314, 32.7196, 36.6784 by changing the saturation by 10% instead.

■ 29.1314, 32.7196,
36.6784

■ 29.1314, 32.7196,
36.6784

289.8175,
314.3843, 347.0427

■ 19.3250, 21.9117,
24.6648

■ 57.6819, 63.9375,
71.2587

■ 12.0108, 13.7921,
15.6107

■ 77.1567, 85.1163,
94.6624

■ 6.8233, 7.9762,
9.0978

■ 100.5851,
110.5209, 122.6999

■ 3.3972, 4.0797,
4.7073

128.3324,
140.5357, 155.7897

■ 1.3671, 1.7183,
2.0209

160.7639,
175.5450, 194.3503

■ 0.2326, 0.4354,
0.5681

198.2450,

■ 0.0000, 0.0000,

215.9333, 238.8003

0.0000

241.1411,
262.0850, 289.5583

■ 29.1314, 32.7196,
36.6784

■ 29.1314, 32.7196,
36.6784

■ 26.5324, 31.3963,
35.8525

■ 32.1202, 34.2455,
37.5331

■ 24.3038, 30.2628,
35.0525

■ 35.5116, 35.9778,
38.4153

■ 22.4288, 29.3114,
34.2782

■ 39.3213, 37.9255,
39.3264

■ 20.8880, 28.5320,
33.5287

■ 43.5632, 40.0959,
40.2670

■ 19.6603, 27.9139,
32.8030

■ 48.2508, 42.4958,
41.2379

■ 18.7222, 27.4449,
32.0999

■ 53.3968, 45.1318,
42.2396

■ 18.0467, 27.1111,
31.4181

■ 59.0134, 48.0102,
43.2728

■ 17.6020, 26.8960,
30.7561

■ 60.8695, 48.9498,
44.1395

■ 17.3631, 26.7833,
30.2749

■ 61.0208, 49.0103,
44.9360

Harmonies

Analogous

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



29.2152, 32.7196, 33.6858



29.1314, 32.7196, 36.6784



29.5656, 32.7196, 39.5431

Triad

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



29.1314, 32.7196, 36.6784



32.4382, 32.7196, 40.2810



31.7943, 32.7196, 30.3972

Complementary

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



29.1314, 32.7196, 36.6784



28.3396, 27.7601, 29.0654

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.



32.6845, 32.7196, 31.9767



29.1314, 32.7196, 36.6784



33.0621, 32.7196, 37.6395

Square

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



29.1314, 32.7196, 36.6784



31.4643, 32.7196, 41.7001



33.1533, 32.7196, 34.5941



30.7365, 32.7196, 30.1725

Rectangle

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



29.1314, 32.7196, 36.6784



30.0963, 32.7196, 40.9524



33.1533, 32.7196, 34.5941



32.1237, 32.7196, 30.7829

Sweetspot

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



29.1323, 32.7210, 36.6791



56.6756, 60.8956, 66.9831



28.1006, 32.3538, 29.1904



12.6868, 13.6826, 15.0761



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.



29.1323, 32.7210, 36.6791



50.8438, 57.9209, 65.2804



28.0268, 30.2340, 37.1611



6.7932, 7.4980, 8.3457



13.7220, 21.1567, 23.9567



0.2528, 0.3813, 0.4675

Inverse Universe

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



28.3396, 27.7601, 29.0654



49.1505, 47.3233, 49.0165



29.3414, 30.0000, 28.6707



6.6587, 6.6564, 7.0539



11.3744, 5.8543, 0.9566



0.2103, 0.1075, 0.0536

Previews

White Background



This preview shows how the XYZ color 29.1314, 32.7196, 36.6784 looks on a white background.

Color Contrast Check

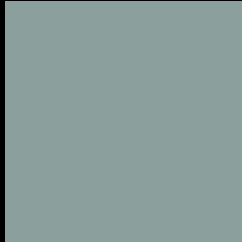
Large Text (above 18pt) WCAG AA × Fail

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 29.1314, 32.7196, 36.6784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

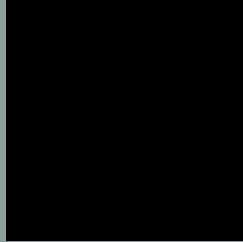
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.1314, 32.7196, 36.6784

Background



This preview shows how black text looks on a background with the XYZ color 29.1314, 32.7196, 36.6784.



This preview shows how white text looks on a background with the XYZ color 29.1314, 32.7196,

36.6784.

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

29.1314, 32.7196, 36.6784

Protanopia

31.2930, 32.6124, 35.2174

Deuteranopia

33.3128, 32.6407, 37.3454



Tritanopia

30.2972, 32.6789, 42.7410

Trichromacy



Original Color

29.1314, 32.7196, 36.6784

Protanomaly

30.3825, 32.6275, 35.7068

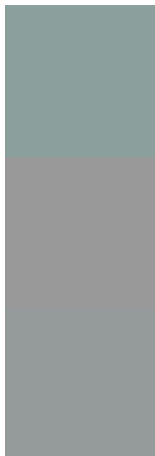
Deuteranomaly

31.4674, 32.4192, 36.9468

Tritanomaly

29.8336, 32.7458, 40.3455

Monochromacy



Original Color

29.1314, 32.7196, 36.6784

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7668, 32.0717, 35.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1314, 32.7196, 36.6784 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(139, 159, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 159, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.1314, 32.7196, 36.6784 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, 157) }
```


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

```
.border{ border-color:rgb(139, 159, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 159, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 159, 157);  
box-shadow:4px 4px 4px 4px rgb(139, 159,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1314, 32.7196, 36.6784 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, 157) }
```

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

```
.background{ background-color: rgb(139,  
159, 157) }
```

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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