

Converting Colors

XYZ(29.8249, 33.0787, 36.6685)

Have a look what the booklet for
XYZ(29.8249, 33.0787, 36.6685)
contains.

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Color

**XYZ(29.8116, 33.0702,
36.7102)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9F9D
RGB	143, 159, 157
RGB Percent	56%, 62%, 62%
CMY	0.4392, 0.3765, 0.3843
CMYK	0.10, 0.00, 0.01, 0.38
HSL	172°, 8%, 59%
HSV	172°, 10%, 62%
XYZ	29.8116, 33.0702, 36.7102
YIQ	153.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

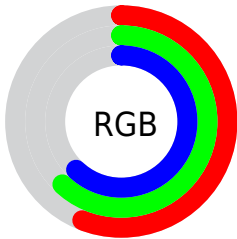
Format	Color
RYB	143, 152, 159
Decimal	9412509
CIELab	64.22, -6.05, -0.89
CIELCh	64, 6.113, 188.404
Yxy	33.0702, 0.2993, 0.3321
Android (android.graphics.Color)	4287602589 (0xFF8F9F9D)
YUV	153.9880, 1.4849, -9.6365
Hunter-Lab	57.5067, -8.1019, 2.4061

Details

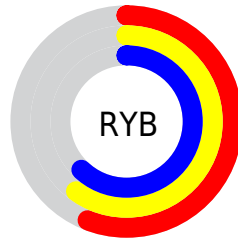
The XYZ color **29.8116, 33.0702, 36.7102** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.2325, 29.0610, 30.8582**, and the grayscale version is **30.7071, 32.3063, 35.1815**.

A 20% lighter version of the original color is **58.9562, 64.7169, 71.6716**, and **12.4783, 14.0929, 15.6982** is the 20% darker color. If you saturate the color by 10%, you get **27.0835, 31.6842, 35.7036**, and if you desaturate by 10%, it is **32.9345, 34.6612, 37.7511**.

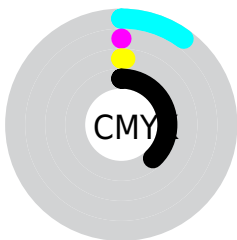
Distribution



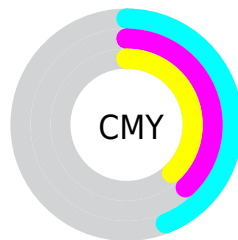
- Red (56%)
- Green (62%)
- Blue (62%)



- Red (56%)
- Yellow (60%)
- Blue (62%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8116, 33.0702, 36.7102 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 29.8116, 33.0702, 36.7102 by changing the saturation by 10% instead.

■ 29.8116, 33.0702,
36.7102

■ 29.8116, 33.0702,
36.7102

292.9509,
315.9659, 347.1850

■ 19.8430, 22.1802,
24.6892

■ 58.7528, 64.4851,
71.3082

■ 12.3886, 13.9894,
15.6287

■ 78.4561, 85.7788,
94.7222

■ 7.0830, 8.1133,
9.1103

102.1350,
111.3093, 122.7710

■ 3.5608, 4.1675,
4.7154

130.1548,
141.4608, 155.8731

■ 1.4568, 1.7677,
2.0255

162.8810,
176.6179, 194.4469

■ 0.2962, 0.4669,
0.5709

200.6788,

■ 0.0000, 0.0000,

217.1648, 238.9112

0.0000

243.9137,
263.4860, 289.6844

■ 29.8116, 33.0702,
36.7102

■ 29.8116, 33.0702,
36.7102

■ 27.0835, 31.6842,
35.7036

■ 32.9345, 34.6612,
37.7511

■ 24.7311, 30.4906,
34.7282

■ 36.4648, 36.4611,
38.8250

■ 22.7378, 29.4819,
33.7839

■ 40.4180, 38.4786,
39.9332

■ 21.0847, 28.6482,
32.8699

■ 44.8079, 40.7209,
41.0764

■ 19.7513, 27.9790,
31.9849

■ 49.6476, 43.1948,
42.2555

■ 18.7145, 27.4624,
31.1279

■ 54.9499, 45.9068,
43.4709

■ 17.9486, 27.0851,
30.2977

■ 60.7269, 48.8632,
44.7234

■ 17.4229, 26.8315,
29.4926

■ 61.1737, 49.0715,
45.7414

■ 17.0667, 26.6647,
28.7142

■ 61.3676, 49.1490,
46.7625

Harmonies

Analogous

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



29.9074, 33.0702, 34.2789



29.8116, 33.0702, 36.7102



30.1437, 33.0702, 39.0561

Triad

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



29.8116, 33.0702, 36.7102



32.4793, 33.0702, 39.8807



32.0499, 33.0702, 31.7482

Complementary

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



29.8116, 33.0702, 36.7102



29.2325, 29.0610, 30.8582

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.



32.7569, 33.0702, 33.1224



29.8116, 33.0702, 36.7102



33.0080, 33.0702, 37.7940

Square

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



29.8116, 33.0702, 36.7102



31.6765, 33.0702, 40.9409



33.1106, 33.0702, 35.3145



31.1892, 33.0702, 31.4879

Rectangle

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



29.8116, 33.0702, 36.7102



30.5668, 33.0702, 40.2299



33.1106, 33.0702, 35.3145



32.3138, 33.0702, 32.0920

Sweetspot

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



29.8125, 33.0716, 36.7109



57.2311, 61.1813, 67.0418



29.0576, 32.8127, 30.7891



12.8022, 13.7421, 15.0816



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.



29.8125, 33.0716, 36.7109



52.2727, 58.6575, 65.3474



28.9997, 31.1701, 37.2905



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.



29.2325, 29.0610, 30.8582



51.0290, 50.0571, 52.7971



29.9835, 30.8079, 30.3533



6.6652, 6.6590, 7.0879



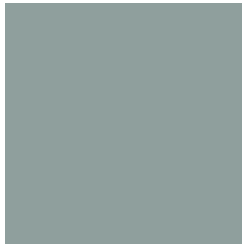
11.4012, 5.8651, 1.0978



0.2124, 0.1083, 0.0647

Previews

White Background



This preview shows how the XYZ color 29.8116, 33.0702, 36.7102 looks on a white background.

Color Contrast Check

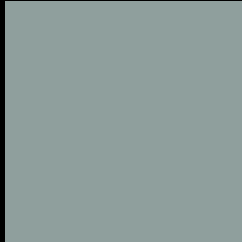
Large Text (above 18pt) WCAG AA × Fail

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 29.8116, 33.0702, 36.7102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

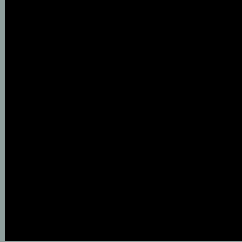
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

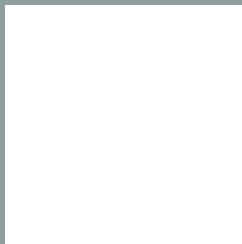
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8116, 33.0702, 36.7102

Background



This preview shows how black text looks on a background with the XYZ color 29.8116, 33.0702, 36.7102.



This preview shows how white text looks on a background with the XYZ color 29.8116, 33.0702,

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

29.8116, 33.0702, 36.7102

Protanopia

31.7383, 33.0783, 35.7223

Deuteranopia

33.6868, 33.0714, 37.4088



Tritanopia

30.9897, 33.0360, 42.7735

Trichromacy



Original Color

29.8116, 33.0702, 36.7102

Protanomaly

31.0261, 32.9495, 36.1771

Deuteranomaly

32.2244, 33.0534, 37.0293

Tritanomaly

30.5200, 33.0996, 40.3776

Monochromacy



Original Color

29.8116, 33.0702, 36.7102

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.3825, 32.6275, 35.7068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8116, 33.0702, 36.7102 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(143, 159, 157)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 159, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 159, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.8116, 33.0702, 36.7102 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(143, 159, 157) }
```


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

```
.border{ border-color:rgb(143, 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(143, 159, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 159, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 159, 157); box-shadow:4px 4px 4px 4px rgb(143, 159, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8116, 33.0702, 36.7102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 159, 157) }
```

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

```
.background{ background-color: rgb(143,  
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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