

Converting Colors

XYZ(30.0685, 33.8280, 36.5141)

Have a look what the booklet for
XYZ(30.0685, 33.8280, 36.5141)
contains.

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Color

**XYZ(29.9009, 33.6408,
36.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA19C
RGB	142, 161, 156
RGB Percent	56%, 63%, 61%
CMY	0.4431, 0.3686, 0.3882
CMYK	0.12, 0.00, 0.03, 0.37
HSL	164°, 9%, 59%
HSV	164°, 12%, 63%
XYZ	29.9009, 33.6408, 36.3699
YIQ	154.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

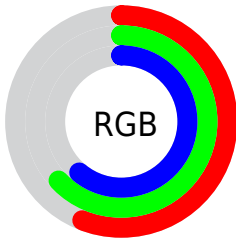
Format	Color
RYB	142, 153, 161
Decimal	9347484
CIELab	64.68, -7.69, 0.33
CIELCh	65, 7.693, 177.550
Yxy	33.6408, 0.2993, 0.3367
Android (android.graphics.Color)	4287537564 (0xFF8EA19C)
YUV	154.7490, 0.6167, -11.1809
Hunter-Lab	58.0007, -9.4797, 3.4221

Details

The XYZ color **29.9009, 33.6408, 36.3699** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6385, 29.0304, 31.6465**, and the grayscale version is **31.0460, 32.6628, 35.5698**.

A 20% lighter version of the original color is **58.9537, 65.5006, 70.5085**, and **12.4321, 14.2325, 15.4565** is the 20% darker color. If you saturate the color by 10%, you get **26.9831, 32.1783, 34.3929**, and if you desaturate by 10%, it is **33.2321, 35.3168, 38.4330**.

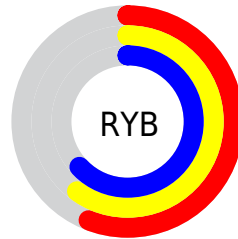
Distribution



Red (56%)

Green (63%)

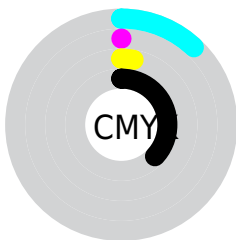
Blue (61%)



Red (56%)

Yellow (60%)

Blue (63%)

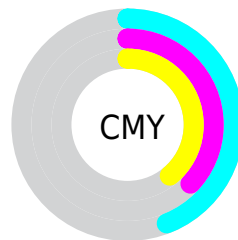


Cyan (12%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9009, 33.6408, 36.3699 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 29.9009, 33.6408, 36.3699 by changing the saturation by 10% instead.

■ 29.9009, 33.6408,
36.3699

■ 29.9009, 33.6408,
36.3699

293.3604,
318.5274, 345.6606

■ 19.9111, 22.6178,
24.4281

■ 58.8931, 65.3747,
70.7781

■ 12.4383, 14.3115,
15.4363

■ 78.6262, 86.8544,
94.0815

■ 7.1172, 8.3377,
8.9762

■ 102.3378,
112.5884, 122.0092

■ 3.5825, 4.3118,
4.6290

130.3933,
142.9611, 154.9797

■ 1.4688, 1.8494,
1.9764

163.1579,
178.3570, 193.4115

■ 0.3044, 0.5177,
0.5407

200.9970,

■ 0.0000, 0.0000,

219.1604, 237.7233

0.0000

244.2761,
265.7558, 288.3335

■ 29.9009, 33.6408,
36.3699

■ 29.9009, 33.6408,
36.3699

■ 26.9831, 32.1783,
34.3929

■ 33.2321, 35.3168,
38.4330

■ 24.4588, 30.9163,
32.4984

■ 36.9901, 37.2105,
40.5814

■ 22.3105, 29.8467,
30.6855

■ 41.1911, 39.3310,
42.8173

■ 20.5184, 28.9593,
28.9527

■ 45.8494, 41.6859,
45.1418

■ 19.0606, 28.2429,
27.2982

■ 50.9790, 44.2821,
47.5563

■ 17.9130, 27.6851,
25.7203

■ 56.5931, 47.1267,
50.0621

■ 17.0481, 27.2715,
24.2168

■ 62.7043, 50.2260,
52.6602

■ 16.4331, 26.9856,
22.7857

■ 63.2697, 50.4647,
55.0685

■ 16.0525, 26.8138,
21.6629

■ 63.7396, 50.6526,
57.5427

Harmonies

Analogous

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



30.2170, 33.6408, 33.4639



29.9009, 33.6408, 36.3699



30.1297, 33.6408, 39.5126

Triad

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



29.9009, 33.6408, 36.3699



32.9662, 33.6408, 42.2861



33.1268, 33.6408, 31.7361

Complementary

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



29.9009, 33.6408, 36.3699



29.6385, 29.0304, 31.6465

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.



33.8932, 33.6408, 33.8894



29.9009, 33.6408, 36.3699



33.7990, 33.6408, 39.9879

Square

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



29.9009, 33.6408, 36.3699



31.8839, 33.6408, 43.0429



34.1420, 33.6408, 36.8896



32.0654, 33.6408, 30.8864

Rectangle

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



29.9009, 33.6408, 36.3699



30.5635, 33.6408, 41.2991



34.1420, 33.6408, 36.8896



33.4284, 33.6408, 32.3252

Sweetspot

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



29.9019, 33.6422, 36.3706



58.0915, 62.5310, 67.9742



29.6729, 33.6534, 30.5234



12.6437, 13.6653, 14.8491



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.



29.9019, 33.6422, 36.3706



52.1959, 59.5680, 64.2483



29.5731, 32.2928, 38.3943



7.1961, 7.9793, 8.6445



12.8374, 21.4213, 17.3921



0.2875, 0.4572, 0.4590

Inverse Universe

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



29.6385, 29.0304, 31.6465



51.6357, 49.7529, 54.1948



29.9273, 30.2226, 29.8478



7.1468, 7.1152, 7.7593



12.0929, 6.1932, 2.4141



0.2724, 0.1375, 0.1471

Previews

White Background



This preview shows how the XYZ color 29.9009, 33.6408, 36.3699 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 29.9009, 33.6408, 36.3699 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

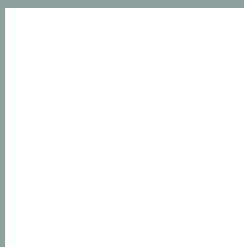
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9009, 33.6408, 36.3699

Background



This preview shows how black text looks on a background with the XYZ color 29.9009, 33.6408, 36.3699.

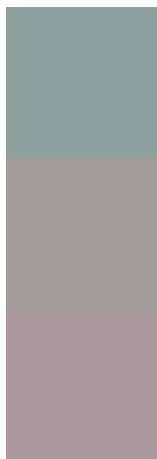


This preview shows how white text looks on a background with the XYZ color 29.9009, 33.6408,

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

29.9009, 33.6408, 36.3699

Protanopia

32.1354, 33.5504, 34.9192

Deuteranopia

34.1944, 33.5830, 37.0277



Tritanopia

31.4259, 33.7563, 43.3874

Trichromacy



Original Color

29.9009, 33.6408, 36.3699

Protanomaly

31.1965, 33.5591, 35.4052

Deuteranomaly

32.3044, 33.3506, 36.6330

Tritanomaly

30.9553, 33.8241, 40.9736

Monochromacy



Original Color

29.9009, 33.6408, 36.3699

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.5510, 32.9645, 35.7629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9009, 33.6408, 36.3699 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, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(142, 161, 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, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 161, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.9009, 33.6408, 36.3699 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, 161, 156) }
```


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

```
.border{ border-color:rgb(142, 161, 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, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(142, 161,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9009, 33.6408, 36.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 161, 156) }
```

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

```
.background{ background-color: rgb(142,  
161, 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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