

Converting Colors

XYZ(29.5913, 33.3606, 30.0789)

Have a look what the booklet for
XYZ(29.5913, 33.3606, 30.0789)
contains.

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Color

**XYZ(29.5913, 33.3606,
30.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	94A08D
RGB	148, 160, 141
RGB Percent	58%, 63%, 55%
CMY	0.4196, 0.3725, 0.4471
CMYK	0.08, 0.00, 0.12, 0.37
HSL	98°, 9%, 59%
HSV	98°, 12%, 63%
XYZ	29.5913, 33.3606, 30.0789
YIQ	154.2460, -1.0530, -8.4530

Conversions

Conversions Part 2

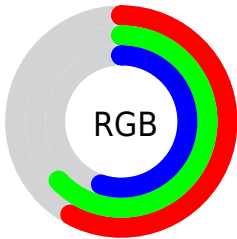
Format	Color
RYB	141, 160, 153
Decimal	9740429
CIELab	64.45, -7.90, 8.45
CIElCh	64, 11.568, 133.044
Yxy	33.3606, 0.3181, 0.3586
Android (android.graphics.Color)	4287930509 (0xFF94A08D)
YUV	154.2460, -6.5303, -5.4777
Hunter-Lab	57.7586, -9.6273, 9.5547

Details

The XYZ color **29.5913, 33.3606, 30.0789** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0082, 28.3610, 37.2048**, and the grayscale version is **30.8521, 32.4588, 35.3477**.

A 20% lighter version of the original color is **58.5079, 65.0976, 61.1112**, and **12.2867, 14.2340, 11.9974** is the 20% darker color. If you saturate the color by 10%, you get **26.7370, 32.0179, 24.1732**, and if you desaturate by 10%, it is **32.7791, 34.8573, 36.8995**.

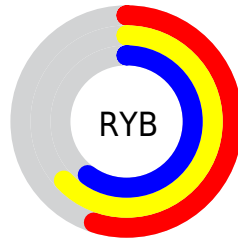
Distribution



Red (58%)

Green (63%)

Blue (55%)



Red (55%)

Yellow (63%)

Blue (60%)

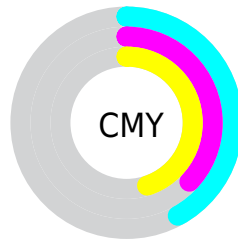


Cyan (8%)

Magenta (0%)

Yellow (12%)

Black (37%)



Cyan (42%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5913, 33.3606, 30.0789 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 29.5913, 33.3606, 30.0789 by changing the saturation by 10% instead.

■ 29.5913, 33.3606,
30.0789

■ 29.5913, 33.3606,
30.0789

291.9389,
317.2715, 316.4908

■ 19.6751, 22.4028,
19.6459

■ 58.4063, 64.9381,
60.8494

■ 12.2660, 14.1532,
11.9564

■ 78.0359, 86.3266,
82.0240

■ 6.9986, 8.2273,
6.5918

■ 101.6339,
111.9609, 107.6163

■ 3.5075, 4.2407,
3.1336

129.5658,
142.2252, 138.0447

■ 1.4275, 1.8091,
1.1633

162.1968,
177.5040, 173.7278

■ 0.2757, 0.4928,
0.0000

199.8925,

■ 0.0000, 0.0000,

218.1818, 215.0842

0.0000

243.0180,
264.6428, 262.5323

■ 29.5913, 33.3606,
30.0789

■ 29.5913, 33.3606,
30.0789

■ 26.7370, 32.0179,
24.1732

■ 32.7791, 34.8573,
36.8995

■ 24.2021, 30.8198,
19.1414

■ 36.3085, 36.5084,
44.6693

■ 21.9753, 29.7625,
14.9425

■ 40.1907, 38.3200,
53.4237

■ 20.0438, 28.8403,
11.5314

■ 44.4355, 40.2965,
63.1953

■ 18.3937, 28.0471,
8.8590

■ 49.0525, 42.4419,
74.0155

■ 17.0095, 27.3761,
6.8701

■ 54.0506, 44.7603,
85.9143

■ 15.8745, 26.8201,
5.5024

■ 59.4387, 47.2557,
98.9202

■ 14.9691, 26.3706,
4.6818

■ 62.8874, 48.9966,
100.7505

■ 14.3715, 26.0709,
4.2747

■ 66.2041, 50.7064,
100.9057

Harmonies

Analogous

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



30.9975, 33.3606, 28.1705



29.5913, 33.3606, 30.0789



28.7688, 33.3606, 33.7376

Triad

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



29.5913, 33.3606, 30.0789



30.7918, 33.3606, 45.7286



34.9011, 33.3606, 34.3113

Complementary

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



29.5913, 33.3606, 30.0789



29.0082, 28.3610, 37.2048

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.



34.8414, 33.3606, 39.0394



29.5913, 33.3606, 30.0789



32.4298, 33.3606, 45.9161

Square

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



29.5913, 33.3606, 30.0789



29.4452, 33.3606, 42.8868



33.9238, 33.3606, 43.3787



34.0843, 33.3606, 30.4675

Rectangle

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



29.5913, 33.3606, 30.0789



28.6439, 33.3606, 36.8087



33.9238, 33.3606, 43.3787



34.9837, 33.3606, 35.8436

Sweetspot

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



29.5922, 33.3620, 30.0796



58.1883, 62.6662, 64.1246



30.6511, 32.0878, 29.7779



12.6681, 13.6998, 13.8620



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.



29.5922, 33.3620, 30.0796



52.4333, 59.9640, 51.8978



28.5306, 32.7955, 30.8998



6.7700, 7.5141, 7.0792



11.2399, 20.3311, 3.3319



0.2456, 0.3866, 0.0617

Inverse Universe

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



29.0082, 28.3610, 37.2048



51.1794, 49.2295, 67.1913



30.1762, 28.9854, 36.2559



6.6670, 6.6323, 8.3355



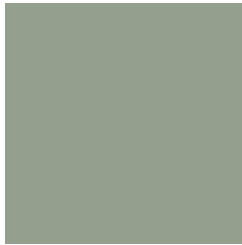
9.1785, 4.1607, 26.2266



0.2093, 0.0977, 0.4711

Previews

White Background



This preview shows how the XYZ color 29.5913, 33.3606, 30.0789 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 29.5913, 33.3606, 30.0789 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

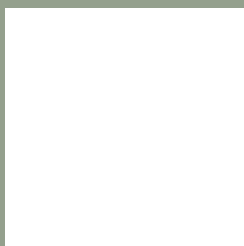
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5913, 33.3606, 30.0789

Background



This preview shows how black text looks on a background with the XYZ color 29.5913, 33.3606, 30.0789.



This preview shows how white text looks on a background with the XYZ color 29.5913, 33.3606,

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

29.5913, 33.3606, 30.0789

Protanopia

31.6529, 33.4275, 29.2100

Deuteranopia

33.9290, 33.3465, 30.6349



Tritanopia

31.9052, 33.2795, 41.7878

Trichromacy



Original Color

29.5913, 33.3606, 30.0789

Protanomaly

30.8911, 33.2765, 29.6058

Deuteranomaly

32.1640, 33.1712, 30.2986

Tritanomaly

30.9910, 33.1619, 37.1152

Monochromacy



Original Color

29.5913, 33.3606, 30.0789

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2622, 32.6223, 33.1355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5913, 33.3606, 30.0789 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(148, 160, 141)` looks like.

```
.text, #text, p{  
    color:rgb(148, 160, 141)  
}
```

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(148, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 160, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.5913, 33.3606, 30.0789 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(148, 160, 141) }
```


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

```
.border{ border-color:rgb(148, 160, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 160, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(148, 160,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5913, 33.3606, 30.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 160, 141) }
```

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

```
.background{ background-color: rgb(148,  
160, 141) }
```

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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