

Converting Colors

XYZ(28.9411, 35.2883, 36.7384)

Have a look what the booklet for
XYZ(28.9411, 35.2883, 36.7384)
contains.

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Color

**XYZ(28.9411, 35.2883,
36.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA99C
RGB	127, 169, 156
RGB Percent	50%, 66%, 61%
CMY	0.5020, 0.3372, 0.3882
CMYK	0.25, 0.00, 0.08, 0.34
HSL	161°, 20%, 58%
HSV	161°, 25%, 66%
XYZ	28.9411, 35.2883, 36.7384
YIQ	154.9600, -20.8590, -12.9470

Conversions

Conversions Part 2

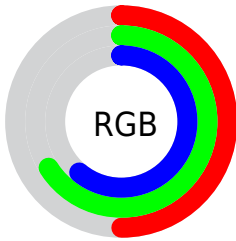
Format	Color
RYB	127, 152, 169
Decimal	8366492
CIELab	65.97, -16.95, 2.10
CIElCh	66, 17.080, 172.950
Yxy	35.2883, 0.2866, 0.3495
Android (android.graphics.Color)	4286556572 (0xFF7FA99C)
YUV	154.9600, 0.5127, -24.5209
Hunter-Lab	59.4040, -16.9932, 4.9148

Details

The XYZ color **28.9411, 35.2883, 36.7384** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.6864, 25.5081, 28.2241**, and the grayscale version is **31.1432, 32.7651, 35.6812**.

A 20% lighter version of the original color is **57.3446, 67.7882, 71.0348**, and **11.9717, 15.3203, 15.6907** is the 20% darker color. If you saturate the color by 10%, you get **26.1988, 33.9256, 34.3475**, and if you desaturate by 10%, it is **32.1267, 36.8792, 39.2511**.

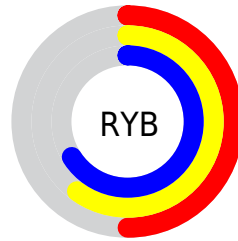
Distribution



Red (50%)

Green (66%)

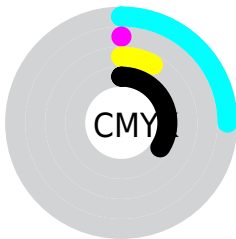
Blue (61%)



Red (50%)

Yellow (60%)

Blue (66%)

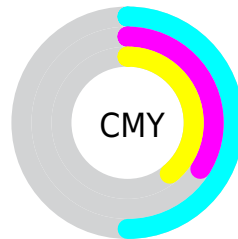


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9411, 35.2883, 36.7384 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 28.9411, 35.2883, 36.7384 by changing the saturation by 10% instead.

■ 28.9411, 35.2883,
36.7384

■ 28.9411, 35.2883,
36.7384

288.9362,
325.8390, 347.3111

■ 19.1803, 23.8850,
24.7108

■ 57.3817, 67.9322,
71.3521

■ 11.9054, 15.2484,
15.6447

■ 76.7922, 89.9415,
94.7753

■ 6.7511, 8.9939,
9.1214

■ 100.1501,
116.2551, 122.8341

■ 3.3518, 4.7372,
4.7226

127.8206,
147.2572, 155.9470

■ 1.3424, 2.0939,
2.0296

160.1691,
183.3322, 194.5326

■ 0.2146, 0.6612,
0.5734

197.5609,

■ 0.0000, 0.0000,

224.8646, 239.0095

0.0000

240.3615,
272.2388, 289.7961

■ 28.9411, 35.2883,
36.7384

■ 28.9411, 35.2883,
36.7384

■ 26.1988, 33.9256,
34.3475

■ 32.1267, 36.8792,
39.2511

■ 23.8756, 32.7759,
32.0739

■ 35.7724, 38.7041,
41.8855

■ 21.9493, 31.8286,
29.9160

■ 39.8978, 40.7740,
44.6444

■ 20.3945, 31.0707,
27.8714

■ 44.5205, 43.0980,
47.5298

■ 19.1827, 30.4876,
25.9373

■ 49.6571, 45.6846,
50.5436

■ 18.2813, 30.0624,
24.1109

■ 55.3234, 48.5420,
53.6876

■ 17.6501, 29.7744,
22.3890

■ 61.5347, 51.6780,
56.9638

■ 17.3811, 29.6543,
21.5407

■ 65.6050, 53.7078,
60.2476

■ 66.2185, 53.9532,
63.4783

Harmonies

Analogous

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



29.8063, 35.2883, 30.6261



28.9411, 35.2883, 36.7384



29.2579, 35.2883, 44.1147

Triad

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



28.9411, 35.2883, 36.7384



35.4730, 35.2883, 52.7310



36.5573, 35.2883, 28.3430

Complementary

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



28.9411, 35.2883, 36.7384



28.6864, 25.5081, 28.2241

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.



38.2218, 35.2883, 33.2432



28.9411, 35.2883, 36.7384



37.5742, 35.2883, 47.4421

Square

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



28.9411, 35.2883, 36.7384



32.9470, 35.2883, 53.9722



38.6030, 35.2883, 40.1582



34.1410, 35.2883, 26.1899

Rectangle

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



28.9411, 35.2883, 36.7384



30.1047, 35.2883, 48.7174



38.6030, 35.2883, 40.1582



37.2282, 35.2883, 29.6916

Sweetspot

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



28.9421, 35.2898, 36.7392



62.5054, 68.5330, 73.9196



28.8857, 35.5114, 25.4111



13.5418, 14.8963, 16.0534



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.9421, 35.2898, 36.7392



48.9443, 61.7622, 63.3341



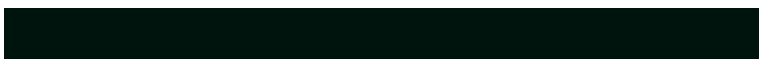
28.7123, 32.9727, 42.3890



7.6472, 8.4919, 9.1282



12.9782, 22.1100, 16.1840



0.3371, 0.5465, 0.5062

Inverse Universe

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



28.6864, 25.5081, 28.2241



48.4066, 41.1076, 45.3645



28.8162, 27.2126, 23.8129



7.6232, 7.5791, 8.3329



12.6836, 6.4821, 3.1453



0.3313, 0.1668, 0.1961

Previews

White Background



This preview shows how the XYZ color 28.9411, 35.2883, 36.7384 looks on a white background.

Color Contrast Check

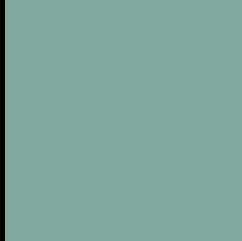
Large Text (above 18pt) WCAG AA × Fail

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 28.9411, 35.2883, 36.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

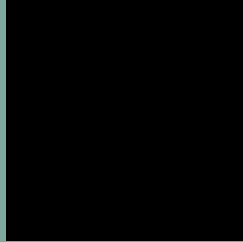
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9411, 35.2883, 36.7384

Background



This preview shows how black text looks on a background with the XYZ color 28.9411, 35.2883, 36.7384.

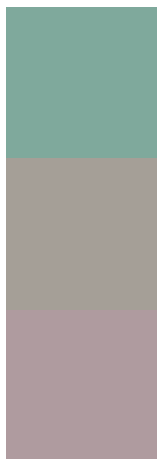


This preview shows how white text looks on a background with the XYZ color 28.9411, 35.2883,

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

28.9411, 35.2883, 36.7384

Protanopia

33.5011, 35.0300, 34.2739

Deuteranopia

35.6585, 35.0599, 37.6887



Tritanopia

31.2886, 35.4326, 47.8379

Trichromacy



Original Color

28.9411, 35.2883, 36.7384

Protanomaly

31.6095, 35.0736, 35.2409

Deuteranomaly

32.8429, 34.8793, 37.3491

Tritanomaly

30.3753, 35.3235, 43.7453

Monochromacy



Original Color

28.9411, 35.2883, 36.7384

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.1643, 33.5279, 35.8921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9411, 35.2883, 36.7384 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(127, 169, 156)` looks like.

```
.text, #text, p{  
    color:rgb(127, 169, 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(127, 169, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 169, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.9411, 35.2883, 36.7384 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(127, 169, 156) }
```


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

```
.border{ border-color:rgb(127, 169, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 169, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 169, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 169, 156);  
box-shadow:4px 4px 4px 4px rgb(127, 169,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9411, 35.2883, 36.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 169, 156) }
```

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

```
.background{ background-color: rgb(127,  
169, 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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