

Converting Colors

XYZ(28.6619, 35.7517, 35.1810)

Have a look what the booklet for
XYZ(28.6619, 35.7517, 35.1810)
contains.

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Color

**XYZ(28.6879, 35.7528,
35.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAB98
RGB	125, 171, 152
RGB Percent	49%, 67%, 60%
CMY	0.5098, 0.3294, 0.4039
CMYK	0.27, 0.00, 0.11, 0.33
HSL	155°, 21%, 58%
HSV	155°, 27%, 67%
XYZ	28.6879, 35.7528, 35.0947
YIQ	155.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

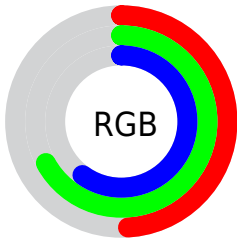
Format	Color
RYB	125, 154, 171
Decimal	8235928
CIELab	66.33, -19.48, 4.82
CIELCh	66, 20.066, 166.095
Yxy	35.7528, 0.2882, 0.3592
Android (android.graphics.Color)	4286426008 (0xFF7DAB98)
YUV	155.0800, -1.5184, -26.3802
Hunter-Lab	59.7936, -18.9978, 7.0565

Details

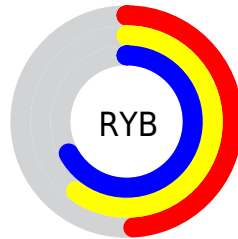
The XYZ color **28.6879, 35.7528, 35.0947** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.1636, 25.3398, 29.7412**, and the grayscale version is **31.2052, 32.8303, 35.7522**.

A 20% lighter version of the original color is **56.9273, 68.4326, 68.6010**, and **11.7698, 15.5891, 14.7006** is the 20% darker color. If you saturate the color by 10%, you get **25.8420, 34.3515, 32.0313**, and if you desaturate by 10%, it is **32.0001, 37.3924, 38.3614**.

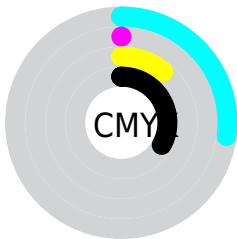
Distribution



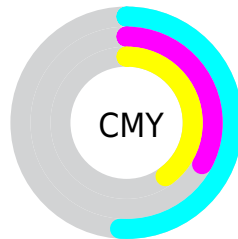
- Red (49%)
- Green (67%)
- Blue (60%)



- Red (49%)
- Yellow (60%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6879, 35.7528, 35.0947 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 28.6879, 35.7528, 35.0947 by changing the saturation by 10% instead.

■ 28.6879, 35.7528,
35.0947

■ 28.6879, 35.7528,
35.0947

287.7604,
327.8788, 339.9031

■ 18.9879, 24.2433,
23.4517

■ 56.9819, 68.6503,
68.7857

■ 11.7655, 15.5142,
14.7190

■ 76.3066, 90.8072,
91.6707

■ 6.6553, 9.1811,
8.4780

■ 99.5702, 117.2820,
119.1402

■ 3.2919, 4.8595,
4.3101

127.1382,
148.4592, 151.6127

■ 1.3099, 2.1650,
1.7970

159.3758,
184.7230, 189.5067

■ 0.1906, 0.7008,
0.4260

196.6485,

■ 0.0000, 0.0000,

226.4580, 233.2407

0.0000

239.3216,
274.0484, 283.2333

■ 28.6879, 35.7528,
35.0947

■ 28.6879, 35.7528,
35.0947

■ 25.8420, 34.3515,
32.0313

■ 32.0001, 37.3924,
38.3614

■ 23.4367, 33.1725,
29.1645

■ 35.7966, 39.2767,
41.8328

■ 21.4485, 32.2047,
26.4909

■ 40.0981, 41.4172,
45.5138

■ 19.8503, 31.4341,
24.0059

■ 44.9232, 43.8234,
49.4081

■ 18.6116, 30.8452,
21.7047

■ 50.2895, 46.5044,
53.5193

■ 17.6971, 30.4198,
19.5821

■ 56.2138, 49.4687,
57.8509

■ 17.0558, 30.1317,
17.6322

■ 62.7121, 52.7246,
62.4064

■ 16.8816, 30.0543,
17.0609

■ 67.2518, 54.9664,
67.0700

■ 68.1434, 55.3230,
71.7650

Harmonies

Analogous

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



29.9956, 35.7528, 28.5659



28.6879, 35.7528, 35.0947



28.7389, 35.7528, 43.6873

Triad

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



28.6879, 35.7528, 35.0947



35.6053, 35.7528, 57.0426



38.1382, 35.7528, 28.2044

Complementary

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



28.6879, 35.7528, 35.0947



29.1636, 25.3398, 29.7412

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.



39.8268, 35.7528, 34.5288



28.6879, 35.7528, 35.0947



38.3067, 35.7528, 51.5361

Square

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



28.6879, 35.7528, 35.0947



32.6154, 35.7528, 57.2536



39.8903, 35.7528, 43.0323



35.3861, 35.7528, 25.0018

Rectangle

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



28.6879, 35.7528, 35.0947



29.5336, 35.7528, 49.4872



39.8903, 35.7528, 43.0323



38.8560, 35.7528, 29.9902

Sweetspot

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



28.6889, 35.7543, 35.0955



63.2152, 69.8963, 74.1257



29.7965, 36.5524, 24.8876



13.8645, 15.4715, 16.3219



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.6889, 35.7543, 35.0955



48.3903, 62.5577, 59.6990



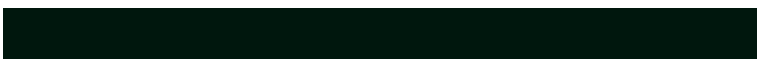
29.6586, 35.0003, 43.7223



8.0942, 9.0152, 9.5212



12.7523, 22.6662, 13.0012



0.3811, 0.6411, 0.5005

Inverse Universe

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



29.1636, 25.3398, 29.7412



49.3789, 40.8962, 48.5691



28.3257, 25.7962, 22.8890



8.1373, 8.0682, 9.0338



13.5342, 6.8762, 5.1926



0.4041, 0.2023, 0.2900

Previews

White Background



This preview shows how the XYZ color 28.6879, 35.7528, 35.0947 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 28.6879, 35.7528, 35.0947 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

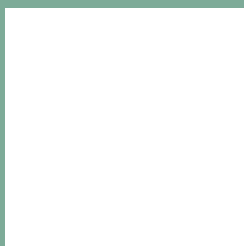
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6879, 35.7528, 35.0947

Background



This preview shows how black text looks on a background with the XYZ color 28.6879, 35.7528, 35.0947.

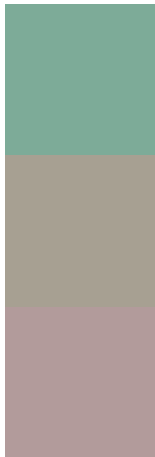


This preview shows how white text looks on a background with the XYZ color 28.6879, 35.7528,

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

28.6879, 35.7528, 35.0947

Protanopia

33.6955, 35.4324, 32.2573

Deuteranopia

35.9978, 35.2742, 35.9217



Tritanopia

31.4170, 35.7580, 48.4262

Trichromacy



Original Color

28.6879, 35.7528, 35.0947

Protanomaly

31.5696, 35.3644, 33.1791

Deuteranomaly

32.8757, 35.1938, 35.6322

Tritanomaly

30.3116, 35.5747, 43.2992

Monochromacy



Original Color

28.6879, 35.7528, 35.0947

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.0792, 33.7521, 35.5013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6879, 35.7528, 35.0947 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(125, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(125, 171, 152)  
}
```

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(125, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 171, 152) }
```

Border

The CSS property to change the border of an element to XYZ 28.6879, 35.7528, 35.0947 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(125, 171, 152) }
```


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

```
.border{ border-color:rgb(125, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(125, 171,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6879, 35.7528, 35.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 171, 152) }
```

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

```
.background{ background-color: rgb(125,  
171, 152) }
```

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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