

Converting Colors

XYZ(28.1899, 33.7645, 35.0898)

Have a look what the booklet for
XYZ(28.1899, 33.7645, 35.0898)
contains.

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Color

**XYZ(28.2582, 33.8773,
35.1866)**

Conversions

Conversions Part 1

Format	Color
Hex	81A599
RGB	129, 165, 153
RGB Percent	51%, 65%, 60%
CMY	0.4941, 0.3529, 0.4000
CMYK	0.22, 0.00, 0.07, 0.35
HSL	160°, 17%, 58%
HSV	160°, 22%, 65%
XYZ	28.2582, 33.8773, 35.1866
YIQ	152.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

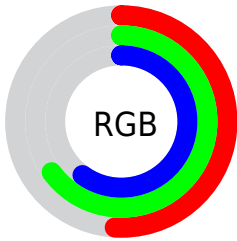
Format	Color
RYB	129, 151, 165
Decimal	8496537
CIELab	64.87, -14.84, 2.18
CIELCh	65, 15.003, 171.662
Yxy	33.8773, 0.2904, 0.3481
Android (android.graphics.Color)	4286686617 (0xFF81A599)
YUV	152.8680, 0.0651, -20.9322
Hunter-Lab	58.2042, -15.1954, 4.8999

Details

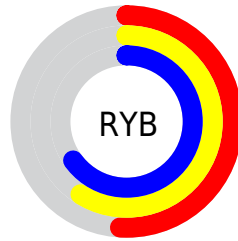
The XYZ color **28.2582, 33.8773, 35.1866** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.1763, 25.6239, 28.6617**, and the grayscale version is **30.2269, 31.8010, 34.6313**.

A 20% lighter version of the original color is **56.1471, 65.6365, 68.7413**, and **11.5278, 14.4318, 14.7484** is the 20% darker color. If you saturate the color by 10%, you get **25.5077, 32.5115, 32.7410**, and if you desaturate by 10%, it is **31.4364, 35.4629, 37.7630**.

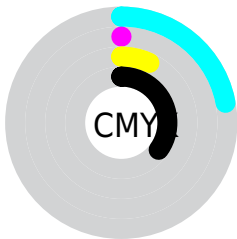
Distribution



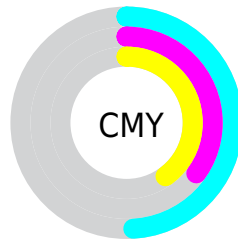
- Red (51%)
- Green (65%)
- Blue (60%)



- Red (51%)
- Yellow (59%)
- Blue (65%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)



- Cyan (49%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2582, 33.8773, 35.1866 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 28.2582, 33.8773, 35.1866 by changing the saturation by 10% instead.

■ 28.2582, 33.8773,
35.1866

■ 28.2582, 33.8773,
35.1866

285.7564,
319.5846, 340.3205

■ 18.6618, 22.7994,
23.5219

■ 56.3022, 65.7428,
68.9296

■ 11.5287, 14.4454,
14.7705

■ 75.4805, 87.2992,
91.8450

■ 6.4936, 8.4311,
8.5136

■ 98.5835, 113.1171,
119.3478

■ 3.1909, 4.3720,
4.3329

125.9766,
143.5811, 151.8564

■ 1.2555, 1.8838,
1.8097

158.0250,
179.0754, 189.7894

■ 0.1495, 0.5386,
0.4343

195.0942,

■ 0.0000, 0.0000,

219.9845, 233.5654

0.0000

237.5496,
266.6928, 283.6029

■ 28.2582, 33.8773,
35.1866

■ 28.2582, 33.8773,
35.1866

■ 25.5077, 32.5115,
32.7410

■ 31.4364, 35.4629,
37.7630

■ 23.1622, 31.3513,
30.4216

■ 35.0577, 37.2736,
40.4701

■ 21.2015, 30.3871,
28.2267

■ 39.1403, 39.3196,
43.3111

■ 19.6023, 29.6069,
26.1535

■ 43.7006, 41.6093,
46.2880

■ 18.3386, 28.9974,
24.1994

■ 48.7540, 44.1508,
49.4028

■ 17.3811, 28.5435,
22.3614

■ 54.3155, 46.9515,
52.6577

■ 16.6947, 28.2271,
20.6363

■ 60.3991, 50.0189,
56.0546

■ 16.2699, 28.0372,
19.3046

■ 64.7747, 52.2031,
59.4904

■ 65.4168, 52.4599,
62.8715

Harmonies

Analogous

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



29.0470, 33.8773, 29.9823



28.2582, 33.8773, 35.1866



28.4877, 33.8773, 41.4590

Triad

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



28.2582, 33.8773, 35.1866



33.7586, 33.8773, 49.0970



34.8479, 33.8773, 28.3128

Complementary

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



28.2582, 33.8773, 35.1866



28.1763, 25.6239, 28.6617

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.



36.2202, 33.8773, 32.6635



28.2582, 33.8773, 35.1866



35.5719, 33.8773, 44.7770

Square

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



28.2582, 33.8773, 35.1866



31.6002, 33.8773, 49.9673



36.4909, 33.8773, 38.6405



32.8061, 33.8773, 26.3147

Rectangle

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



28.2582, 33.8773, 35.1866



29.1919, 33.8773, 45.3817



36.4909, 33.8773, 38.6405



35.4066, 33.8773, 29.5239

Sweetspot

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



28.2592, 33.8787, 35.1874



59.2387, 64.9782, 69.8722



28.5055, 34.2122, 25.8707



12.8738, 14.1671, 15.2177



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.2592, 33.8787, 35.1874



48.2200, 59.4840, 60.9462



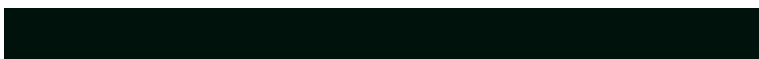
28.3475, 32.3882, 40.3564



7.1752, 7.9709, 8.5345



12.3317, 21.2190, 14.7290



0.2796, 0.4541, 0.4175

Inverse Universe

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



28.1763, 25.6239, 28.6617



48.0469, 42.1309, 47.2337



28.0611, 26.7463, 24.4531



7.1666, 7.1231, 7.8639



12.2818, 6.2688, 3.4086



0.2793, 0.1402, 0.1832

Previews

White Background



This preview shows how the XYZ color 28.2582, 33.8773, 35.1866 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 28.2582, 33.8773, 35.1866 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

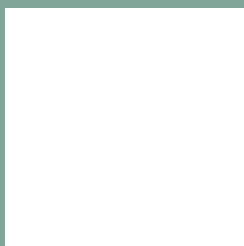
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2582, 33.8773, 35.1866

Background



This preview shows how black text looks on a background with the XYZ color 28.2582, 33.8773, 35.1866.

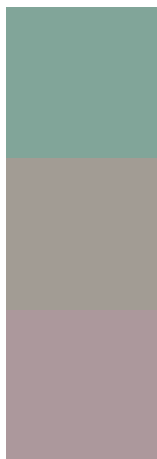


This preview shows how white text looks on a background with the XYZ color 28.2582, 33.8773,

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

28.2582, 33.8773, 35.1866

Protanopia

32.1341, 33.5964, 32.8081

Deuteranopia

34.2422, 33.6274, 36.1385



Tritanopia

30.3311, 33.9224, 45.5065

Trichromacy



Original Color

28.2582, 33.8773, 35.1866

Protanomaly

30.4808, 33.4823, 33.7104

Deuteranomaly

31.6837, 33.5484, 35.8159

Tritanomaly

29.5880, 33.8899, 41.5412

Monochromacy



Original Color

28.2582, 33.8773, 35.1866

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.3083, 32.3431, 34.8351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2582, 33.8773, 35.1866 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(129, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(129, 165, 153)  
}
```

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(129, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 165, 153) }
```

Border

The CSS property to change the border of an element to XYZ 28.2582, 33.8773, 35.1866 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(129, 165, 153) }
```


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

```
.border{ border-color:rgb(129, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 165, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 165, 153); box-shadow:4px 4px 4px 4px rgb(129, 165, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2582, 33.8773, 35.1866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 165, 153) }
```

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

```
.background{ background-color: rgb(129,  
165, 153) }
```

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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