

Converting Colors

XYZ(28.7935, 36.1800, 41.3216)

Have a look what the booklet for
XYZ(28.7935, 36.1800, 41.3216)
contains.

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Color

**XYZ(28.8967, 36.2852,
41.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	73ADA6
RGB	115, 173, 166
RGB Percent	45%, 68%, 65%
CMY	0.5490, 0.3216, 0.3490
CMYK	0.34, 0.00, 0.04, 0.32
HSL	173°, 26%, 56%
HSV	173°, 34%, 68%
XYZ	28.8967, 36.2852, 41.5571
YIQ	154.8600, -32.3210, -14.4730

Conversions

Conversions Part 2

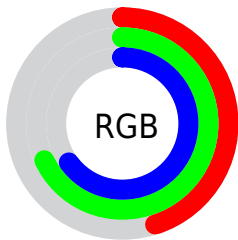
Format	Color
RYB	115, 146, 173
Decimal	7581094
CIELab	66.74, -20.42, -2.42
CIELCh	67, 20.563, 186.771
Yxy	36.2852, 0.2707, 0.3399
Android (android.graphics.Color)	4285771174 (0xFF73ADA6)
YUV	154.8600, 5.4920, -34.9572
Hunter-Lab	60.2372, -19.7859, 1.2624

Details

The XYZ color **28.8967, 36.2852, 41.5571** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.8784, 22.5517, 21.3499**, and the grayscale version is **31.0814, 32.7000, 35.6103**.

A 20% lighter version of the original color is **57.4326, 69.6941, 78.8319**, and **11.8036, 15.7046, 18.3288** is the 20% darker color. If you saturate the color by 10%, you get **26.6420, 35.1458, 40.4602**, and if you desaturate by 10%, it is **31.5835, 37.6489, 42.6920**.

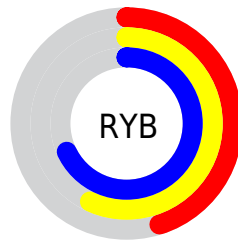
Distribution



Red (45%)

Green (68%)

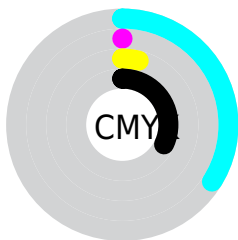
Blue (65%)



Red (45%)

Yellow (57%)

Blue (68%)

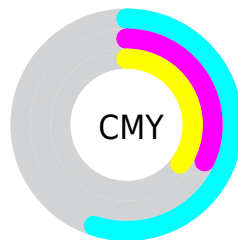


Cyan (34%)

Magenta (0%)

Yellow (4%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8967, 36.2852, 41.5571 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 28.8967, 36.2852, 41.5571 by changing the saturation by 10% instead.

■ 28.8967, 36.2852,
41.5571

■ 28.8967, 36.2852,
41.5571

288.7303,
330.2054, 368.3890

■ 19.1466, 24.6545,
28.4317

■ 57.3116, 69.4720,
78.7917

■ 11.8809, 15.8199,
18.4094

■ 76.7071, 91.7970,
103.7380

■ 6.7342, 9.3968,
11.0719

■ 100.0485,
118.4555, 133.4616

■ 3.3413, 5.0009,
6.0004

127.7010,
149.8320, 168.3811

■ 1.3367, 2.2478,
2.7765

160.0301,
186.3109, 208.9151

■ 0.2104, 0.7459,
0.9817

197.4011,

■ 0.0000, 0.0000,

228.2764, 255.4820

0.0000

240.1794,
276.1131, 308.5005

■ 28.8967, 36.2852,
41.5571

■ 28.8967, 36.2852,
41.5571

■ 26.6420, 35.1458,
40.4602

■ 31.5835, 37.6489,
42.6920

■ 24.7924, 34.2138,
39.3977

■ 34.7215, 39.2439,
43.8636

■ 23.3226, 33.4774,
38.3690

■ 38.3321, 41.0822,
45.0736

■ 22.2032, 32.9212,
37.3728

■ 42.4348, 43.1738,
46.3232

■ 21.4003, 32.5278,
36.4073

■ 47.0477, 45.5281,
47.6132

■ 20.8736, 32.2765,
35.4706

■ 52.1882, 48.1539,
48.9445

■ 20.6214, 32.1593,
34.8768

■ 57.8726, 51.0599,
50.3180

■ 64.1168, 54.2540,
51.7344

■ 64.9199, 54.6428,
52.9130

Harmonies

Analogous

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



29.2913, 36.2852, 33.1457



28.8967, 36.2852, 41.5571



29.9266, 36.2852, 50.6437

Triad

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



28.8967, 36.2852, 41.5571



38.1838, 36.2852, 54.8353



36.8948, 36.2852, 25.7962

Complementary

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



28.8967, 36.2852, 41.5571



26.8784, 22.5517, 21.3499

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.



39.4908, 36.2852, 30.1382



28.8967, 36.2852, 41.5571



40.2656, 36.2852, 46.6373

Square

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



28.8967, 36.2852, 41.5571



35.1961, 36.2852, 59.0187



40.7577, 36.2852, 37.5282



33.7894, 36.2852, 24.8552

Rectangle

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



28.8967, 36.2852, 41.5571



31.3211, 36.2852, 55.5923



40.7577, 36.2852, 37.5282



37.8615, 36.2852, 26.8710

Sweetspot

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



28.8977, 36.2867, 41.5579



64.2530, 71.3349, 79.2728



26.1694, 35.3178, 21.6579



13.7789, 15.4087, 17.1643



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.



28.8977, 36.2867, 41.5579



48.7791, 63.4804, 73.0086



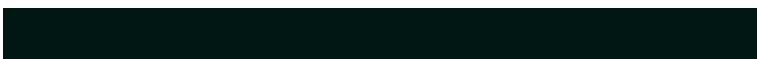
25.7991, 29.0332, 43.7811



8.1941, 9.0552, 10.0470



15.1628, 23.6304, 25.6948



0.4333, 0.6620, 0.7752

Inverse Universe

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



26.8784, 22.5517, 21.3499



44.6261, 35.1980, 31.4229



29.1711, 27.8067, 20.0499



8.0431, 8.0305, 8.5379



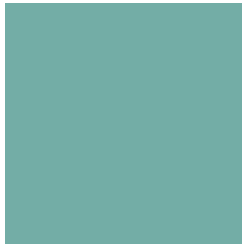
12.7712, 6.5710, 1.1745



0.3674, 0.1876, 0.0964

Previews

White Background



This preview shows how the XYZ color 28.8967, 36.2852, 41.5571 looks on a white background.

Color Contrast Check

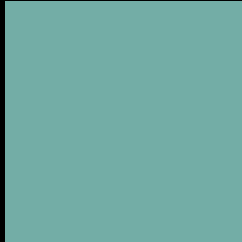
Large Text (above 18pt) WCAG AA × Fail

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 28.8967, 36.2852, 41.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

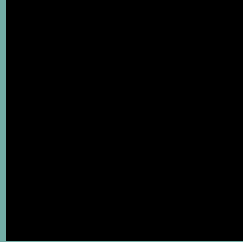
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.8967, 36.2852, 41.5571

Background



This preview shows how black text looks on a background with the XYZ color 28.8967, 36.2852, 41.5571.

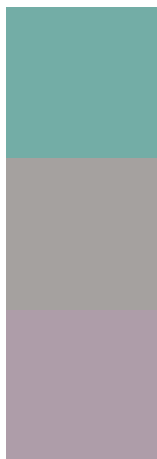


This preview shows how white text looks on a background with the XYZ color 28.8967, 36.2852,

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

28.8967, 36.2852, 41.5571

Protanopia

34.5199, 35.9923, 37.9287

Deuteranopia

36.6740, 35.9772, 42.5475



Tritanopia

30.6342, 36.1321, 50.7070

Trichromacy



Original Color

28.8967, 36.2852, 41.5571

Protanomaly

32.0093, 35.7219, 39.3904

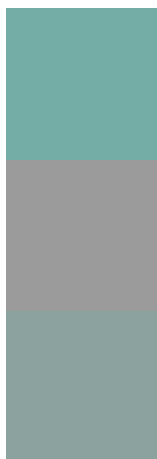
Deuteranomaly

33.3019, 35.7938, 42.1995

Tritanomaly

29.9699, 36.1517, 46.9934

Monochromacy



Original Color

28.8967, 36.2852, 41.5571

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9936, 33.9193, 37.7671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8967, 36.2852, 41.5571 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(115, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(115, 173, 166)  
}
```

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(115, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.8967, 36.2852, 41.5571 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(115, 173, 166) }
```


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

```
.border{ border-color:rgb(115, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(115, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8967, 36.2852, 41.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 173, 166) }
```

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

```
.background{ background-color: rgb(115,  
173, 166) }
```

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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