

Converting Colors

XYZ(29.3280, 35.8202, 36.8843)

Have a look what the booklet for
XYZ(29.3280, 35.8202, 36.8843)
contains.

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Color

**XYZ(29.2776, 35.7389,
36.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	80AA9C
RGB	128, 170, 156
RGB Percent	50%, 67%, 61%
CMY	0.4980, 0.3333, 0.3882
CMYK	0.25, 0.00, 0.08, 0.33
HSL	160°, 20%, 58%
HSV	160°, 25%, 67%
XYZ	29.2776, 35.7389, 36.8077
YIQ	155.8460, -20.5380, -13.2580

Conversions

Conversions Part 2

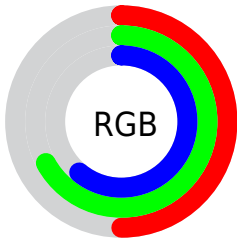
Format	Color
RYB	128, 153, 170
Decimal	8432284
CIELab	66.32, -17.15, 2.61
CIELCh	66, 17.347, 171.353
Yxy	35.7389, 0.2875, 0.3510
Android (android.graphics.Color)	4286622364 (0xFF80AA9C)
YUV	155.8460, 0.0759, -24.4209
Hunter-Lab	59.7820, -17.2001, 5.3427

Details

The XYZ color **29.2776, 35.7389, 36.8077** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.1805, 25.9384, 29.0614**, and the grayscale version is **31.5383, 33.1808, 36.1338**.

A 20% lighter version of the original color is **57.8495, 68.4487, 71.1357**, and **12.1701, 15.5965, 15.7336** is the 20% darker color. If you saturate the color by 10%, you get **26.4631, 34.3431, 34.2295**, and if you desaturate by 10%, it is **32.5450, 37.3675, 39.5256**.

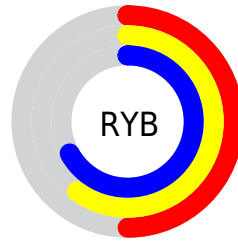
Distribution



Red (50%)

Green (67%)

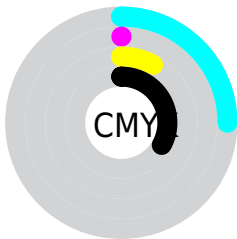
Blue (61%)



Red (50%)

Yellow (60%)

Blue (67%)

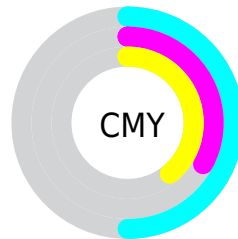


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2776, 35.7389, 36.8077 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 29.2776, 35.7389, 36.8077 by changing the saturation by 10% instead.

■ 29.2776, 35.7389,
36.8077

■ 29.2776, 35.7389,
36.8077

290.4931,
327.8179, 347.6208

■ 19.4363, 24.2326,
24.7640

■ 57.9124, 68.6289,
71.4599

■ 12.0918, 15.5063,
15.6839

■ 77.4365, 90.7813,
94.9056

■ 6.8789, 9.1755,
9.1488

■ 100.9189,
117.2513, 122.9890

■ 3.4321, 4.8558,
4.7402

128.7250,
148.4232, 156.1286

■ 1.3862, 2.1629,
2.0396

161.2201,
184.6815, 194.7431

■ 0.2464, 0.6997,
0.5795

198.7696,

■ 0.0000, 0.0000,

226.4104, 239.2509

0.0000

241.7388,
273.9944, 290.0706

■ 29.2776, 35.7389,
36.8077

■ 29.2776, 35.7389,
36.8077

■ 26.4631, 34.3431,
34.2295

■ 32.5450, 37.3675,
39.5256

■ 24.0767, 33.1645,
31.7858

■ 36.2824, 39.2348,
42.3831

■ 22.0961, 32.1926,
29.4749

■ 40.5096, 41.3520,
45.3836

■ 20.4955, 31.4140,
27.2939

■ 45.2446, 43.7283,
48.5293

■ 19.2458, 30.8140,
25.2397

■ 50.5043, 46.3723,
51.8225

■ 18.3140, 30.3753,
23.3091

■ 56.3047, 49.2923,
55.2653

■ 17.6596, 30.0774,
21.4984

■ 62.6613, 52.4963,
58.8599

■ 17.3745, 29.9504,
20.5854

■ 66.1981, 54.2438,
62.4497

■ 66.8788, 54.5161,
66.0344

Harmonies

Analogous

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



30.2244, 35.7389, 30.6658



29.2776, 35.7389, 36.8077



29.5368, 35.7389, 44.3435

Triad

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



29.2776, 35.7389, 36.8077



35.8153, 35.7389, 53.7722



37.1760, 35.7389, 28.7999

Complementary

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



29.2776, 35.7389, 36.8077



29.1805, 25.9384, 29.0614

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.



38.8232, 35.7389, 33.9461



29.2776, 35.7389, 36.8077



38.0102, 35.7389, 48.5216

Square

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



29.2776, 35.7389, 36.8077



33.2253, 35.7389, 54.7926



39.1360, 35.7389, 41.0983



34.7233, 35.7389, 26.4435

Rectangle

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



29.2776, 35.7389, 36.8077



30.3646, 35.7389, 49.1222



39.1360, 35.7389, 41.0983



37.8474, 35.7389, 30.2274

Sweetspot

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



29.2786, 35.7404, 36.8085



64.1060, 70.3234, 75.6178



29.5480, 36.1224, 25.8378



14.2070, 15.6380, 16.7963



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.



29.2786, 35.7404, 36.8085



50.0416, 63.3151, 64.0206



29.3808, 33.9365, 43.0337



7.6396, 8.4889, 9.0884



12.8070, 22.0416, 15.2824



0.3338, 0.5452, 0.4890

Inverse Universe

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



29.1805, 25.9384, 29.0614



49.8328, 42.2405, 47.3743



29.0416, 27.2389, 24.1498



7.6304, 7.5820, 8.3710



12.7555, 6.5109, 3.5241



0.3340, 0.1679, 0.2101

Previews

White Background



This preview shows how the XYZ color 29.2776, 35.7389, 36.8077 looks on a white background.

Color Contrast Check

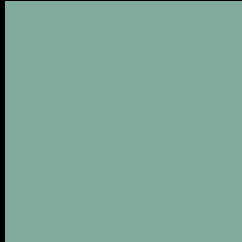
Large Text (above 18pt) WCAG AA × Fail

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 29.2776, 35.7389, 36.8077 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

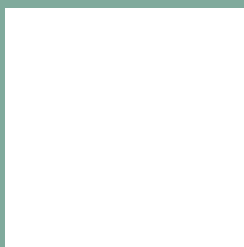
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2776, 35.7389, 36.8077

Background



This preview shows how black text looks on a background with the XYZ color 29.2776, 35.7389, 36.8077.



This preview shows how white text looks on a background with the XYZ color 29.2776, 35.7389,

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

29.2776, 35.7389, 36.8077

Protanopia

33.8826, 35.4830, 34.3412

Deuteranopia

36.2779, 35.6272, 37.7656



Tritanopia

31.5473, 35.5543, 48.3800

Trichromacy



Original Color

29.2776, 35.7389, 36.8077

Protanomaly

31.9741, 35.5262, 35.3090

Deuteranomaly

33.2145, 35.3293, 37.4164

Tritanomaly

30.5295, 35.4030, 43.7525

Monochromacy



Original Color

29.2776, 35.7389, 36.8077

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.5997, 34.0010, 36.4026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2776, 35.7389, 36.8077 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(128, 170, 156)` looks like.

```
.text, #text, p{  
    color:rgb(128, 170, 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(128, 170, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 170, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.2776, 35.7389, 36.8077 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(128, 170, 156) }
```


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

```
.border{ border-color:rgb(128, 170, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 170, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 170, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 170, 156);  
box-shadow:4px 4px 4px 4px rgb(128, 170,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2776, 35.7389, 36.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 170, 156) }
```

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

```
.background{ background-color: rgb(128,  
170, 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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