

Converting Colors

XYZ(27.9381, 33.9328, 60.6140)

Have a look what the booklet for
XYZ(27.9381, 33.9328, 60.6140)
contains.

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Color

**XYZ(27.9386, 33.9716,
60.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	51A8C9
RGB	81, 168, 201
RGB Percent	32%, 66%, 79%
CMY	0.6823, 0.3412, 0.2118
CMYK	0.60, 0.16, 0.00, 0.21
HSL	197°, 53%, 55%
HSV	197°, 60%, 79%
XYZ	27.9386, 33.9716, 60.3430
YIQ	145.7490, -62.4450, -8.1810

Conversions

Conversions Part 2

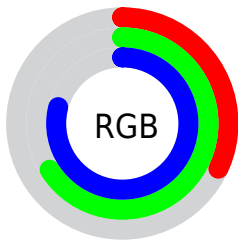
Format	Color
RYB	81, 131, 201
Decimal	5351625
CIELab	64.94, -16.43, -24.73
CIELCh	65, 29.689, 236.399
Yxy	33.9716, 0.2285, 0.2779
Android (android.graphics.Color)	4283541705 (0xFF51A8C9)
YUV	145.7490, 27.2387, -56.7849
Hunter-Lab	58.2852, -16.4363, -20.5837

Details

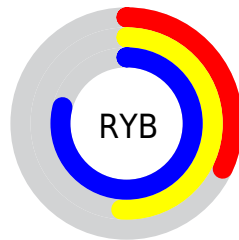
The XYZ color **27.9386, 33.9716, 60.3430** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **31.5911, 25.0477, 10.9556**, and the grayscale version is **27.1305, 28.5434, 31.0838**.

A 20% lighter version of the original color is **55.2529, 65.5708, 104.3520**, and **11.5119, 14.5974, 29.8146** is the 20% darker color. If you saturate the color by 10%, you get **25.4656, 31.2145, 59.9418**, and if you desaturate by 10%, it is **30.9669, 37.0807, 60.7842**.

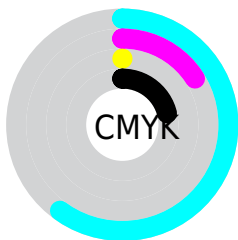
Distribution



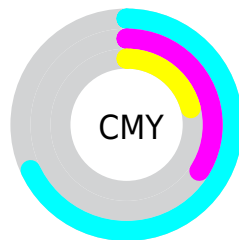
- Red (32%)
- Green (66%)
- Blue (79%)



- Red (32%)
- Yellow (51%)
- Blue (79%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (68%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9386, 33.9716, 60.3430 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 27.9386, 33.9716, 60.3430 by changing the saturation by 10% instead.

■ 27.9386, 33.9716,
60.3430

■ 27.9386, 33.9716,
60.3430

284.2588,
320.0054, 443.7006

■ 18.4196, 22.8718,
43.2681

■ 55.7957, 65.8895,
106.8753

■ 11.3532, 14.4989,
29.7625

■ 74.8646, 87.4764,
137.1698

■ 6.3739, 8.4684,
19.4079

■ 97.8474, 113.3277,
172.7078

■ 3.1166, 4.3961,
11.7856

■ 125.1096,
143.8279, 213.9079

■ 1.2157, 1.8975,
6.4771

157.0164,
179.3614, 261.1888

■ 0.1187, 0.5469,
3.0639

193.9334,

■ 0.0000, 0.0000,

220.3126, 314.9688

1.1273

236.2257,
267.0658, 375.6665

■ 0.0000, 0.0000,
0.0000

■ 27.9386, 33.9716,
60.3430

■ 27.9386, 33.9716,
60.3430

■ 25.4656, 31.2145,
59.9418

■ 30.9669, 37.0807,
60.7842

■ 23.4975, 28.7806,
59.5758

■ 34.5885, 40.5603,
61.2649

■ 21.9801, 26.6419,
59.2429

■ 38.8418, 44.4313,
61.7879

■ 20.8126, 24.7455,
58.9384

■ 43.7607, 48.7123,
62.3550

■ 20.7793, 24.6903,
58.9295

■ 49.3768, 53.4200,
62.9676

■ 55.7195, 58.5705,
63.6275

■ 62.8165, 64.1787,
64.3359

■ 70.6939, 70.2588,
65.0943

■ 76.7895, 75.4906,
65.7829

Harmonies

Analogous

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



25.4539, 33.9716, 48.5102



27.9386, 33.9716, 60.3430



31.7740, 33.9716, 65.9076

Triad

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



27.9386, 33.9716, 60.3430



41.2345, 33.9716, 38.4919



28.7608, 33.9716, 19.6168

Complementary

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



27.9386, 33.9716, 60.3430



31.5911, 25.0477, 10.9556

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.



32.8095, 33.9716, 18.0765



27.9386, 33.9716, 60.3430



40.2497, 33.9716, 27.4542

Square

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



27.9386, 33.9716, 60.3430



39.6531, 33.9716, 51.6526



37.0690, 33.9716, 20.6043



25.8982, 33.9716, 25.4023

Rectangle

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



27.9386, 33.9716, 60.3430



34.6727, 33.9716, 64.5736



37.0690, 33.9716, 20.6043



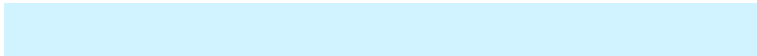
30.0171, 33.9716, 18.6494

Sweetspot

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



27.9397, 33.9728, 60.3438



76.2374, 84.5191, 106.9034



27.2617, 44.7158, 22.8185



15.7491, 17.6050, 22.8180



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.9397, 33.9728, 60.3438



42.3922, 52.0031, 102.4110



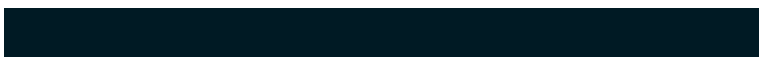
19.4059, 16.9051, 57.4992



10.6906, 11.5552, 13.5844



13.1449, 15.6838, 37.0788



0.6807, 0.8591, 1.7751

Inverse Universe

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



34.0987, 21.1307, 39.3284



54.4791, 30.2017, 60.4059



40.5172, 42.8999, 13.9309



10.9538, 10.7649, 12.7402



18.4343, 9.1233, 18.0287



0.9023, 0.4437, 1.0085

Previews

White Background



This preview shows how the XYZ color 27.9386, 33.9716, 60.3430 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 27.9386, 33.9716, 60.3430 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 27.9386, 33.9716, 60.3430

Background



This preview shows how black text looks on a background with the XYZ color 27.9386, 33.9716, 60.3430.

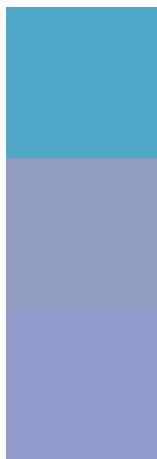


This preview shows how white text looks on a background with the XYZ color 27.9386, 33.9716,

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

27.9386, 33.9716, 60.3430

Protanopia

33.4485, 33.5444, 54.5810

Deuteranopia

34.3087, 33.5818, 61.8004



Tritanopia

26.1439, 34.0844, 51.1000

Trichromacy



Original Color

27.9386, 33.9716, 60.3430

Protanomaly

30.7333, 33.3668, 56.4504

Deuteranomaly

31.2037, 33.2456, 61.2724

Tritanomaly

26.8393, 34.0888, 54.4554

Monochromacy



Original Color

27.9386, 33.9716, 60.3430

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4646, 30.0020, 40.4725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9386, 33.9716, 60.3430 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(81, 168, 201)` looks like.

```
.text, #text, p{  
    color:rgb(81, 168, 201)  
}
```

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(81, 168, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 168, 201) }
```

Border

The CSS property to change the border of an element to XYZ 27.9386, 33.9716, 60.3430 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(81, 168, 201) }
```


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

```
.border{ border-color:rgb(81, 168, 201) }
```

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

Here you see how a box with a 4 pixel rgb(81, 168, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 168, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 168, 201);  
box-shadow:4px 4px 4px 4px rgb(81, 168,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9386, 33.9716, 60.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 168, 201) }
```

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

```
.background{ background-color: rgb(81, 168,  
201) }
```

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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