

Converting Colors

XYZ(27.3051, 33.6987, 57.8887)

Have a look what the booklet for
XYZ(27.3051, 33.6987, 57.8887)
contains.

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Color

**XYZ(27.3051, 33.6987,
57.8887)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA8C5
RGB	79, 168, 197
RGB Percent	31%, 66%, 77%
CMY	0.6902, 0.3412, 0.2274
CMYK	0.60, 0.15, 0.00, 0.23
HSL	195°, 50%, 54%
HSV	195°, 60%, 77%
XYZ	27.3051, 33.6987, 57.8887
YIQ	144.6950, -62.3530, -9.8490

Conversions

Conversions Part 2

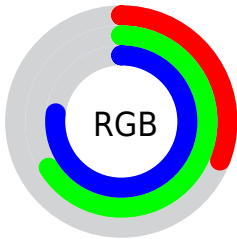
Format	Color
R _Y B	79, 130, 197
Decimal	5220549
CIE Lab	64.72, -18.03, -22.85
CIE LCh	65, 29.100, 231.726
Yxy	33.6987, 0.2297, 0.2834
Android (android.graphics.Color)	4283410629 (0xFF4FA8C5)
YUV	144.6950, 25.7864, -57.6145
Hunter-Lab	58.0506, -17.6279, -18.4893

Details

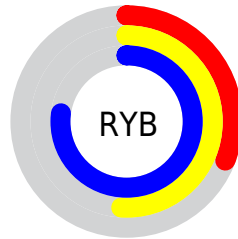
The XYZ color **27.3051, 33.6987, 57.8887** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **29.8008, 23.1612, 10.2982**, and the grayscale version is **26.7080, 28.0989, 30.5996**.

A 20% lighter version of the original color is **54.7583, 65.3344, 103.4907**, and **11.2033, 14.4740, 28.1899** is the 20% darker color. If you saturate the color by 10%, you get **25.0258, 31.2220, 57.5314**, and if you desaturate by 10%, it is **30.1054, 36.4947, 58.2814**.

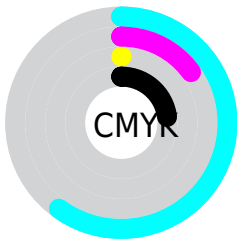
Distribution



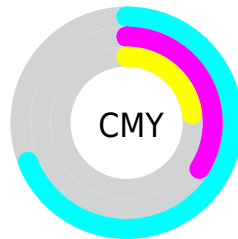
- Red (31%)
- Green (66%)
- Blue (77%)



- Red (31%)
- Yellow (51%)
- Blue (77%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)



- Cyan (69%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3051, 33.6987, 57.8887 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 27.3051, 33.6987, 57.8887 by changing the saturation by 10% instead.

■ 27.3051, 33.6987,
57.8887

■ 27.3051, 33.6987,
57.8887

281.2720,
318.7865, 434.3577

■ 17.9403, 22.6622,
41.3051

■ 54.7895, 65.4648,
103.2739

■ 11.0065, 14.3443,
28.2360

■ 73.6398, 86.9633,
132.9126

■ 6.1386, 8.3605,
18.2631

■ 96.3826, 112.7179,
167.7401

■ 2.9710, 4.3265,
10.9676

■ 123.3833,
143.1130, 208.1748

■ 1.1384, 1.8578,
5.9312

155.0072,
178.5330, 254.6354

■ 0.0569, 0.5228,
2.7352

191.6198,

■ 0.0000, 0.0000,

219.3623, 307.5404

0.9611

233.5862,
265.9854, 367.3084

■ 0.0000, 0.0000,
0.0000

■ 27.3051, 33.6987,
57.8887

■ 27.3051, 33.6987,
57.8887

■ 25.0258, 31.2220,
57.5314

■ 30.1054, 36.4947,
58.2814

■ 23.2194, 29.0373,
57.2049

■ 33.4626, 39.6271,
58.7091

■ 21.8343, 27.1182,
56.9075

■ 37.4131, 43.1158,
59.1743

■ 20.7707, 25.4126,
56.6343

■ 41.9893, 46.9780,
59.6785

■ 20.7602, 25.3953,
56.6316

■ 47.2210, 51.2296,
60.2234

■ 53.1363, 55.8854,
60.8104

■ 59.7612, 60.9596,
61.4406

■ 67.1207, 66.4654,
62.1154

■ 74.7558, 72.1666,
62.8135

Harmonies

Analogous

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



25.1291, 33.6987, 45.8881



27.3051, 33.6987, 57.8887



30.8869, 33.6987, 64.5057

Triad

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



27.3051, 33.6987, 57.8887



40.6587, 33.6987, 40.1050



29.1460, 33.6987, 19.1955

Complementary

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



27.3051, 33.6987, 57.8887



29.8008, 23.1612, 10.2982

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.



33.2001, 33.6987, 18.3038



27.3051, 33.6987, 57.8887



40.0902, 33.6987, 28.8150

Square

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



27.3051, 33.6987, 57.8887



38.7619, 33.6987, 52.8747



37.2699, 33.6987, 21.4273



26.1258, 33.6987, 24.2024

Rectangle

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



27.3051, 33.6987, 57.8887



33.6907, 33.6987, 64.1557



37.2699, 33.6987, 21.4273



30.4240, 33.6987, 18.4556

Sweetspot

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



27.3062, 33.6999, 57.8895



76.6392, 85.3226, 107.0373



25.8210, 42.6474, 20.6537



15.8480, 17.8027, 22.8509



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.



27.3062, 33.6999, 57.8895



43.6945, 54.6078, 102.8452



18.9300, 16.9476, 55.0975



10.7174, 11.6089, 13.5934



13.7231, 16.8402, 37.2716



0.7041, 0.9060, 1.7829

Inverse Universe

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



32.8908, 20.2905, 39.2299



55.1364, 30.4646, 63.8675



37.9897, 39.5390, 13.0278



10.9674, 10.7703, 12.8115



18.7261, 9.2400, 19.5655



0.9141, 0.4485, 1.0708

Previews

White Background



This preview shows how the XYZ color 27.3051, 33.6987, 57.8887 looks on a white background.

Color Contrast Check

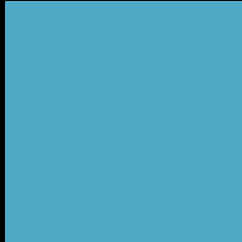
Large Text (above 18pt) WCAG AA × Fail

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 27.3051, 33.6987, 57.8887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

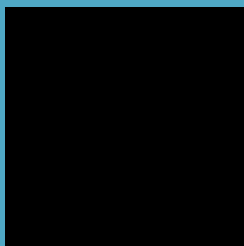
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

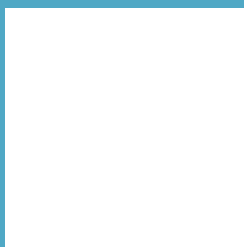
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3051, 33.6987, 57.8887

Background



This preview shows how black text looks on a background with the XYZ color 27.3051, 33.6987, 57.8887.

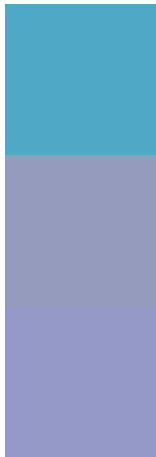


This preview shows how white text looks on a background with the XYZ color 27.3051, 33.6987,

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

27.3051, 33.6987, 57.8887

Protanopia

33.1929, 33.4631, 52.2865

Deuteranopia

34.0293, 33.2485, 59.2676



Tritanopia

25.7741, 33.6266, 50.4795

Trichromacy



Original Color

27.3051, 33.6987, 57.8887

Protanomaly

30.2870, 33.1883, 54.0999

Deuteranomaly

30.7040, 32.7882, 58.7433

Tritanomaly

26.2749, 33.5459, 53.2343

Monochromacy



Original Color

27.3051, 33.6987, 57.8887

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9772, 29.5277, 39.4522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3051, 33.6987, 57.8887 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(79, 168, 197)` looks like.

```
.text, #text, p{  
    color:rgb(79, 168, 197)  
}
```

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(79, 168, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 168, 197) }
```

Border

The CSS property to change the border of an element to XYZ 27.3051, 33.6987, 57.8887 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(79, 168, 197) }
```


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

```
.border{ border-color:rgb(79, 168, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 168, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 168, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 168, 197);  
box-shadow:4px 4px 4px 4px rgb(79, 168,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3051, 33.6987, 57.8887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 168, 197) }
```

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

```
.background{ background-color: rgb(79, 168,  
197) }
```

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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