

Converting Colors

XYZ(27.2242, 33.1243, 57.0540)

Have a look what the booklet for
XYZ(27.2242, 33.1243, 57.0540)
contains.

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Color

**XYZ(27.2562, 33.1428,
57.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	54A6C4
RGB	84, 166, 196
RGB Percent	33%, 65%, 77%
CMY	0.6706, 0.3490, 0.2314
CMYK	0.57, 0.15, 0.00, 0.23
HSL	196°, 49%, 55%
HSV	196°, 57%, 77%
XYZ	27.2562, 33.1428, 57.1852
YIQ	144.9020, -58.5020, -8.0540

Conversions

Conversions Part 2

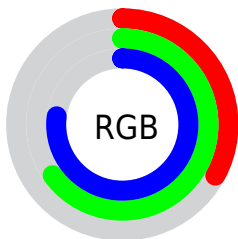
Format	Color
R _Y B	84, 131, 196
Decimal	5547716
CIE Lab	64.28, -16.30, -22.96
CIE LCh	64, 28.153, 234.625
Yxy	33.1428, 0.2318, 0.2819
Android (android.graphics.Color)	4283737796 (0xFF54A6C4)
YUV	144.9020, 25.1913, -53.4111
Hunter-Lab	57.5698, -16.2370, -18.5951

Details

The XYZ color **27.2562, 33.1428, 57.1852** 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 **30.3835, 24.4116, 11.4992**, and the grayscale version is **26.7930, 28.1883, 30.6970**.

A 20% lighter version of the original color is **54.7414, 64.5555, 102.5038**, and **10.9624, 14.0199, 27.7195** is the 20% darker color. If you saturate the color by 10%, you get **24.8064, 30.4926, 56.8034**, and if you desaturate by 10%, it is **30.2378, 36.1264, 57.6046**.

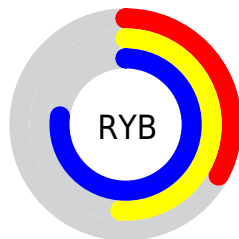
Distribution



Red (33%)

Green (65%)

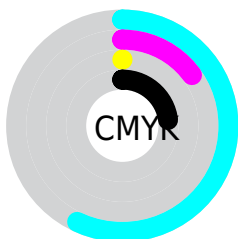
Blue (77%)



Red (33%)

Yellow (51%)

Blue (77%)

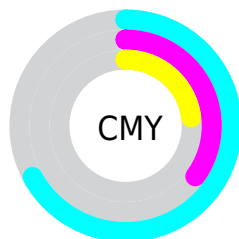


Cyan (57%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (67%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2562, 33.1428, 57.1852 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 27.2562, 33.1428, 57.1852 by changing the saturation by 10% instead.

■ 27.2562, 33.1428,
57.1852

■ 27.2562, 33.1428,
57.1852

■ 281.0404,
316.2927, 431.6561

■ 17.9033, 22.2359,
40.7436

■ 54.7117, 64.5984,
102.2384

■ 10.9799, 14.0303,
27.8006

■ 73.5450, 85.9159,
131.6870

■ 6.1205, 8.1417,
17.9377

■ 96.2692, 111.4723,
166.3085

■ 2.9598, 4.1858,
10.7363

■ 123.2496,
141.6521, 206.5212

■ 1.1326, 1.7780,
5.7779

■ 154.8516,
176.8396, 252.7438

■ 0.0521, 0.4734,
2.6439

■ 191.4405,

■ 0.0000, 0.0000,

217.4193, 305.3948

0.9150

233.3816,
263.7755, 364.8927

■ 0.0000, 0.0000,
0.0000

■ 27.2562, 33.1428,
57.1852

■ 27.2562, 33.1428,
57.1852

■ 24.8064, 30.4926,
56.8034

■ 30.2378, 36.1264,
57.6046

■ 22.8427, 28.1494,
56.4546

■ 33.7858, 39.4598,
58.0610

■ 21.3166, 26.0883,
56.1372

■ 37.9354, 43.1625,
58.5570

■ 20.1599, 24.2734,
55.8479

■ 42.7177, 47.2513,
59.0941

■ 19.8618, 23.7813,
55.7686

■ 48.1619, 51.7416,
59.6739

■ 54.2952, 56.6483,
60.2977

■ 61.1431, 61.9852,
60.9669

■ 68.7300, 67.7652,
61.6827

■ 75.0617, 72.9611,
62.3519

Harmonies

Analogous

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



25.0156, 33.1428, 46.0623



27.2562, 33.1428, 57.1852



30.7865, 33.1428, 62.7509

Triad

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



27.2562, 33.1428, 57.1852



39.7934, 33.1428, 38.1892



28.4047, 33.1428, 19.5419

Complementary

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



27.2562, 33.1428, 57.1852



30.3835, 24.4116, 11.4992

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.



32.2270, 33.1428, 18.3028



27.2562, 33.1428, 57.1852



39.0208, 33.1428, 27.6668

Square

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



27.2562, 33.1428, 57.1852



38.1960, 33.1428, 50.3956



36.1656, 33.1428, 20.9446



25.6384, 33.1428, 24.7807

Rectangle

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



27.2562, 33.1428, 57.1852



33.4829, 33.1428, 61.8633



36.1656, 33.1428, 20.9446



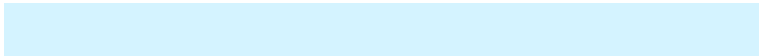
29.5994, 33.1428, 18.6978

Sweetspot

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



27.2573, 33.1440, 57.1860



77.2676, 85.4991, 107.0383



26.4268, 42.5774, 22.7066



16.1402, 17.9648, 22.8668



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.



27.2573, 33.1440, 57.1860



43.8031, 53.9333, 102.7092



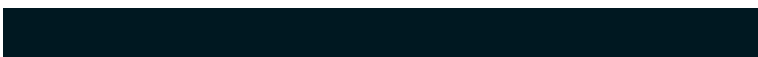
19.2114, 17.0523, 54.5040



10.1330, 10.9572, 12.8657



12.8359, 15.4282, 35.8580



0.6089, 0.7751, 1.5674

Inverse Universe

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



32.8192, 20.8307, 38.3686



55.4089, 31.4069, 62.7331



38.7158, 41.0764, 14.2767



10.3784, 10.2000, 12.0832



17.8749, 8.8397, 17.7853



0.7997, 0.3929, 0.9127

Previews

White Background



This preview shows how the XYZ color 27.2562, 33.1428, 57.1852 looks on a white background.

Color Contrast Check

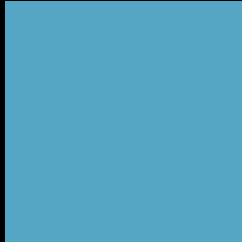
Large Text (above 18pt) WCAG AA × Fail

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 27.2562, 33.1428, 57.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

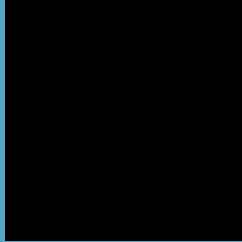
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.2562, 33.1428, 57.1852

Background



This preview shows how black text looks on a background with the XYZ color 27.2562, 33.1428, 57.1852.



This preview shows how white text looks on a background with the XYZ color 27.2562, 33.1428,

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

27.2562, 33.1428, 57.1852

Protanopia

32.5736, 32.6662, 51.6021

Deuteranopia

33.5697, 32.7830, 58.5913



Tritanopia

25.5880, 33.0024, 49.2774

Trichromacy



Original Color

27.2562, 33.1428, 57.1852

Protanomaly

29.9786, 32.5314, 53.4143

Deuteranomaly

30.5622, 32.4762, 58.0838

Tritanomaly

26.0966, 32.9308, 51.9945

Monochromacy



Original Color

27.2562, 33.1428, 57.1852

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2605, 29.6738, 39.4655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2562, 33.1428, 57.1852 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(84, 166, 196)` looks like.

```
.text, #text, p{  
    color:rgb(84, 166, 196)  
}
```

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(84, 166, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 166, 196) }
```

Border

The CSS property to change the border of an element to XYZ 27.2562, 33.1428, 57.1852 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(84, 166, 196) }
```


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

```
.border{ border-color:rgb(84, 166, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 166, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 166, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 166, 196);  
box-shadow:4px 4px 4px 4px rgb(84, 166,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2562, 33.1428, 57.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 166, 196) }
```

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

```
.background{ background-color: rgb(84, 166,  
196) }
```

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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