

Converting Colors

XYZ(27.6608, 33.6613, 55.4915)

Have a look what the booklet for
XYZ(27.6608, 33.6613, 55.4915)
contains.

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Color

**XYZ(27.6608, 33.6613,
55.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA7C1
RGB	90, 167, 193
RGB Percent	35%, 65%, 76%
CMY	0.6470, 0.3451, 0.2431
CMYK	0.53, 0.13, 0.00, 0.24
HSL	195°, 45%, 55%
HSV	195°, 53%, 76%
XYZ	27.6608, 33.6613, 55.4915
YIQ	146.9410, -54.2380, -8.2380

Conversions

Conversions Part 2

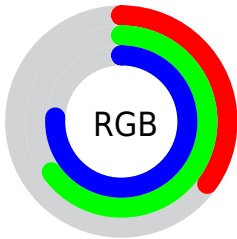
Format	Color
RYB	90, 134, 193
Decimal	5941185
CIELab	64.69, -16.47, -20.63
CIELCh	65, 26.397, 231.396
Yxy	33.6613, 0.2368, 0.2882
Android (android.graphics.Color)	4284131265 (0xFF5AA7C1)
YUV	146.9410, 22.7071, -49.9373
Hunter-Lab	58.0184, -16.4306, -16.0949

Details

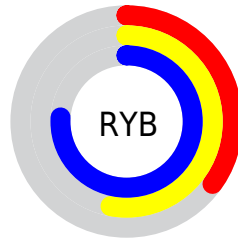
The XYZ color **27.6608, 33.6613, 55.4915** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **30.0841, 24.5675, 12.8304**, and the grayscale version is **27.6350, 29.0742, 31.6618**.

A 20% lighter version of the original color is **55.4092, 65.3477, 100.1355**, and **11.1676, 14.3197, 26.6015** is the 20% darker color. If you saturate the color by 10%, you get **25.1461, 31.0655, 55.1236**, and if you desaturate by 10%, it is **30.6987, 36.5781, 55.8950**.

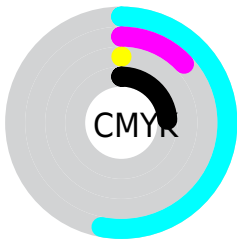
Distribution



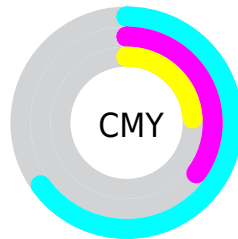
- Red (35%)
- Green (65%)
- Blue (76%)



- Red (35%)
- Yellow (53%)
- Blue (76%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (65%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6608, 33.6613, 55.4915 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 27.6608, 33.6613, 55.4915 by changing the saturation by 10% instead.

■ 27.6608, 33.6613,
55.4915

■ 27.6608, 33.6613,
55.4915

282.9521,
318.6191, 425.1067

■ 18.2093, 22.6335,
39.3941

■ 55.3549, 65.4066,
99.7391

■ 11.2009, 14.3231,
26.7563

■ 74.3281, 86.8929,
128.7263

■ 6.2704, 8.3458,
17.1594

■ 97.2060, 112.6342,
162.8473

■ 3.0524, 4.3170,
10.1851

■ 124.3538,
143.0149, 202.5205

■ 1.1816, 1.8524,
5.4146

156.1370,
178.4193, 248.1645

■ 0.0917, 0.5195,
2.4296

192.9209,

■ 0.0000, 0.0000,

219.2319, 300.1979

0.8025

235.0708,
265.8371, 359.0391

■ 0.0000, 0.0000,
0.0000

■ 27.6608, 33.6613,
55.4915

■ 27.6608, 33.6613,
55.4915

■ 25.1461, 31.0655,
55.1236

■ 30.6987, 36.5781,
55.8950

■ 23.1123, 28.7663,
54.7870

■ 34.2912, 39.8306,
56.3335

■ 21.5159, 26.7414,
54.4803

■ 38.4712, 43.4370,
56.8092

■ 20.3029, 24.9624,
54.2009

■ 43.2678, 47.4127,
57.3238

■ 19.6420, 23.8827,
54.0273

■ 48.7083, 51.7723,
57.8786

■ 54.8181, 56.5295,
58.4748

■ 61.6213, 61.6972,
59.1137

■ 69.1408, 67.2876,
59.7964

■ 74.1225, 71.6237,
60.3708

Harmonies

Analogous

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



25.6796, 33.6613, 44.8010



27.6608, 33.6613, 55.4915



30.9165, 33.6613, 61.3905

Triad

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



27.6608, 33.6613, 55.4915



39.7506, 33.6613, 39.8621



29.4095, 33.6613, 20.4564

Complementary

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



27.6608, 33.6613, 55.4915



30.0841, 24.5675, 12.8304

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.



33.0963, 33.6613, 19.6517



27.6608, 33.6613, 55.4915



39.2671, 33.6613, 29.5554

Square

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



27.6608, 33.6613, 55.4915



38.0310, 33.6613, 51.2700



36.7578, 33.6613, 22.6460



26.6324, 33.6613, 25.1148

Rectangle

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



27.6608, 33.6613, 55.4915



33.4550, 33.6613, 61.1420



36.7578, 33.6613, 22.6460



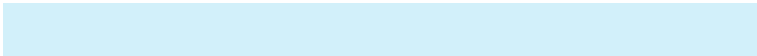
30.5762, 33.6613, 19.7684

Sweetspot

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



27.6619, 33.6626, 55.4923



74.8974, 82.7918, 102.3932



26.4252, 41.5696, 23.0791



15.6805, 17.4417, 21.9254



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.6619, 33.6626, 55.4923



44.3829, 54.9284, 98.6233



20.0598, 18.4584, 52.9583



10.1463, 10.9840, 12.8702



13.1305, 16.0174, 35.9562



0.6196, 0.7966, 1.5710

Inverse Universe

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



32.6245, 21.4409, 38.9794



54.6158, 32.2414, 64.0098



37.7032, 39.8058, 15.3701



10.3852, 10.2027, 12.1188



18.0236, 8.8992, 18.5683



0.8051, 0.3951, 0.9412

Previews

White Background



This preview shows how the XYZ color 27.6608, 33.6613, 55.4915 looks on a white background.

Color Contrast Check

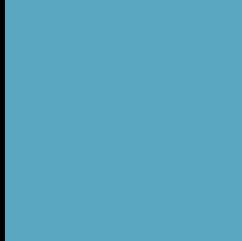
Large Text (above 18pt) WCAG AA × Fail

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 27.6608, 33.6613, 55.4915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

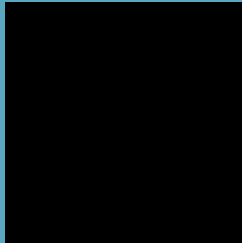
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.6608, 33.6613, 55.4915

Background



This preview shows how black text looks on a background with the XYZ color 27.6608, 33.6613, 55.4915.



This preview shows how white text looks on a background with the XYZ color 27.6608, 33.6613,

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

27.6608, 33.6613, 55.4915

Protanopia

33.0560, 33.4295, 50.6092

Deuteranopia

34.1175, 33.3473, 56.8630



Tritanopia

26.4692, 33.7318, 49.3718

Trichromacy



Original Color

27.6608, 33.6613, 55.4915

Protanomaly

30.3773, 33.0163, 52.3487

Deuteranomaly

31.1304, 33.0610, 56.3704

Tritanomaly

26.7960, 33.5767, 51.5230

Monochromacy



Original Color

27.6608, 33.6613, 55.4915

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.8606, 30.2272, 39.5407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6608, 33.6613, 55.4915 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(90, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(90, 167, 193)  
}
```

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(90, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 167, 193) }
```

Border

The CSS property to change the border of an element to XYZ 27.6608, 33.6613, 55.4915 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(90, 167, 193) }
```


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

```
.border{ border-color:rgb(90, 167, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(90, 167,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6608, 33.6613, 55.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 167, 193) }
```

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

```
.background{ background-color: rgb(90, 167,  
193) }
```

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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