

Converting Colors

XYZ(27.4815, 31.0118, 35.7650)

Have a look what the booklet for
XYZ(27.4815, 31.0118, 35.7650)
contains.

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Color

**XYZ(27.4777, 31.1300,
35.5708)**

Conversions

Conversions Part 1

Format	Color
Hex	859C9B
RGB	133, 156, 155
RGB Percent	52%, 61%, 61%
CMY	0.4784, 0.3882, 0.3922
CMYK	0.15, 0.00, 0.01, 0.39
HSL	177°, 10%, 57%
HSV	177°, 15%, 61%
XYZ	27.4777, 31.1300, 35.5708
YIQ	149.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

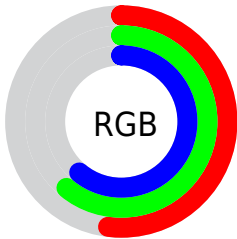
Format	Color
RYB	133, 145, 156
Decimal	8756379
CIELab	62.62, -8.26, -2.20
CIELCh	63, 8.544, 194.905
Yxy	31.1300, 0.2918, 0.3305
Android (android.graphics.Color)	4286946459 (0xFF859C9B)
YUV	149.0090, 2.9536, -14.0399
Hunter-Lab	55.7943, -9.7318, 1.2565

Details

The XYZ color **27.4777, 31.1300, 35.5708** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4020, 25.5650, 26.0986**, and the grayscale version is **28.5635, 30.0511, 32.7256**.

A 20% lighter version of the original color is **54.8049, 61.1357, 69.2335**, and **11.1175, 12.9416, 15.0087** is the 20% darker color. If you saturate the color by 10%, you get **25.1387, 29.9316, 35.1648**, and if you desaturate by 10%, it is **30.1846, 32.5197, 35.9970**.

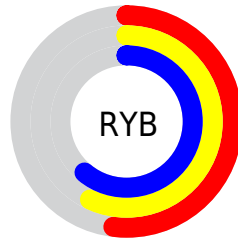
Distribution



Red (52%)

Green (61%)

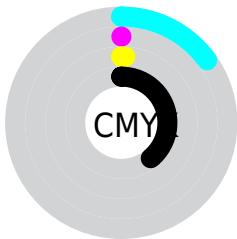
Blue (61%)



Red (52%)

Yellow (57%)

Blue (61%)

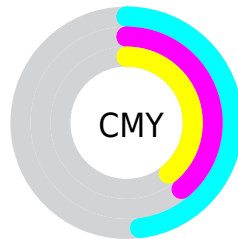


Cyan (15%)

Magenta (0%)

Yellow (1%)

Black (39%)



Cyan (48%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4777, 31.1300, 35.5708 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 27.4777, 31.1300, 35.5708 by changing the saturation by 10% instead.

■ 27.4777, 31.1300,
35.5708

■ 27.4777, 31.1300,
35.5708

282.0882,
307.1368, 342.0612

■ 18.0708, 20.6979,
23.8158

■ 55.0640, 61.4447,
69.5307

■ 11.1008, 12.9033,
14.9861

■ 73.9740, 82.0960,
92.5726

■ 6.2025, 7.3620,
8.6631

■ 96.7825, 106.9225,
120.2140

■ 3.0104, 3.6895,
4.4283

123.8547,
136.3086, 152.8734

■ 1.1593, 1.5014,
1.8631

155.5560,
170.6387, 190.9692

■ 0.0738, 0.2897,
0.4691

192.2518,

■ 0.0000, 0.0000,

210.2972, 234.9201

0.0000

234.3074,
255.6684, 285.1446

■ 27.4777, 31.1300,
35.5708

■ 27.4777, 31.1300,
35.5708

■ 25.1387, 29.9316,
35.1648

■ 30.1846, 32.5197,
35.9970

■ 23.1489, 28.9124,
34.7762

■ 33.2719, 34.1046,
36.4420

■ 21.4919, 28.0647,
34.4048

■ 36.7547, 35.8933,
36.9072

■ 20.1490, 27.3788,
34.0498

■ 40.6464, 37.8928,
37.3933

■ 19.0995, 26.8443,
33.7102

■ 44.9599, 40.1098,
37.9007

■ 18.3206, 26.4491,
33.3849

■ 49.7075, 42.5505,
38.4302

■ 17.7856, 26.1796,
33.0727

■ 54.9010, 45.2210,
38.9822

■ 17.4616, 26.0189,
32.7720

■ 59.5126, 47.5915,
39.5087

■ 17.3303, 25.9546,
32.6165

■ 59.5725, 47.6154,
39.8239

Harmonies

Analogous

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



27.4795, 31.1300, 32.2534



27.4777, 31.1300, 35.5708



28.0311, 31.1300, 38.6243

Triad

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



27.4777, 31.1300, 35.5708



31.1963, 31.1300, 38.6406



30.1748, 31.1300, 28.0759

Complementary

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



27.4777, 31.1300, 35.5708



26.4020, 25.5650, 26.0986

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.



31.2017, 31.1300, 29.5690



27.4777, 31.1300, 35.5708



31.8019, 31.1300, 35.5920

Square

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



27.4777, 31.1300, 35.5708



30.1675, 31.1300, 40.4740



31.8039, 31.1300, 32.2732



29.0162, 31.1300, 28.0711

Rectangle

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



27.4777, 31.1300, 35.5708



28.6491, 31.1300, 40.0374



31.8039, 31.1300, 32.2732



30.5475, 31.1300, 28.4158

Sweetspot

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



27.4786, 31.1313, 35.5715



55.1727, 59.2426, 65.4305



25.9784, 30.5523, 26.7188



12.0578, 12.9935, 14.3852



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.4786, 31.1313, 35.5715



48.2966, 55.7150, 64.3344



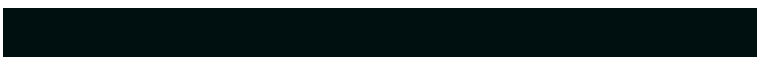
25.8995, 27.8378, 35.4621



6.8094, 7.5045, 8.4307



14.2776, 21.3790, 26.8826



0.2587, 0.3836, 0.4988

Inverse Universe

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



26.4020, 25.5650, 26.0986



45.9221, 43.4376, 43.4410



27.8201, 28.5126, 26.2280



6.6442, 6.6506, 6.9774



11.3272, 5.8354, 0.7080



0.2056, 0.1056, 0.0287

Previews

White Background



This preview shows how the XYZ color 27.4777, 31.1300, 35.5708 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 27.4777, 31.1300, 35.5708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

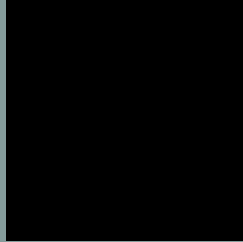
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4777, 31.1300, 35.5708

Background



This preview shows how black text looks on a background with the XYZ color 27.4777, 31.1300, 35.5708.

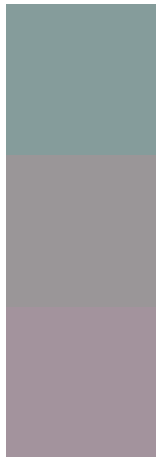


This preview shows how white text looks on a background with the XYZ color 27.4777, 31.1300,

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

27.4777, 31.1300, 35.5708

Protanopia

29.9003, 30.9497, 34.1037

Deuteranopia

31.6238, 31.0883, 36.2322



Tritanopia

28.5223, 31.0521, 41.0496

Trichromacy



Original Color

27.4777, 31.1300, 35.5708

Protanomaly

28.8321, 30.8674, 34.5754

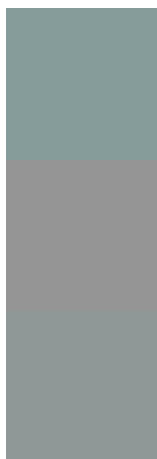
Deuteranomaly

29.8560, 30.8884, 35.8410

Tritanomaly

28.1637, 31.1554, 39.1795

Monochromacy



Original Color

27.4777, 31.1300, 35.5708

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1418, 30.5305, 33.6879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4777, 31.1300, 35.5708 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(133, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(133, 156, 155)  
}
```

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(133, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 156, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.4777, 31.1300, 35.5708 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(133, 156, 155) }
```


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

```
.border{ border-color:rgb(133, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(133, 156,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4777, 31.1300, 35.5708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 156, 155) }
```

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

```
.background{ background-color: rgb(133,  
156, 155) }
```

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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