

Converting Colors

XYZ(27.7074, 31.0100, 35.0970)

Have a look what the booklet for
XYZ(27.7074, 31.0100, 35.0970)
contains.

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Color

**XYZ(27.7074, 31.0100,
35.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	889B9A
RGB	136, 155, 154
RGB Percent	53%, 61%, 60%
CMY	0.4667, 0.3921, 0.3961
CMYK	0.12, 0.00, 0.01, 0.39
HSL	177°, 9%, 57%
HSV	177°, 12%, 61%
XYZ	27.7074, 31.0100, 35.0970
YIQ	149.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

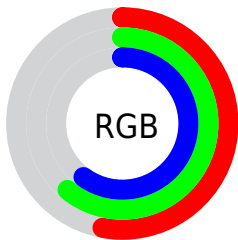
Format	Color
R_{YB}	136, 146, 155
Decimal	8952730
CIE _{Lab}	62.52, -6.90, -1.76
CIE _{LCh}	63, 7.122, 194.288
Yxy	31.0100, 0.2953, 0.3305
Android (android.graphics.Color)	4287142810 (0xFF889B9A)
YUV	149.2050, 2.3639, -11.5808
Hunter-Lab	55.6866, -8.6372, 1.6126

Details

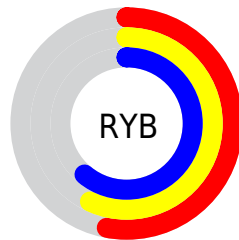
The XYZ color **27.7074, 31.0100, 35.0970** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8382, 26.3838, 27.3464**, and the grayscale version is **28.6477, 30.1396, 32.8221**.

A 20% lighter version of the original color is **55.1719, 60.9738, 68.5358**, and **11.2362, 12.8583, 14.7217** is the 20% darker color. If you saturate the color by 10%, you get **25.3022, 29.7788, 34.6308**, and if you desaturate by 10%, it is **30.4789, 32.4317, 35.5841**.

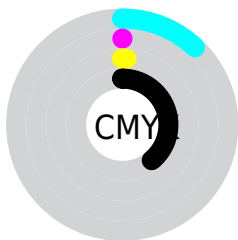
Distribution



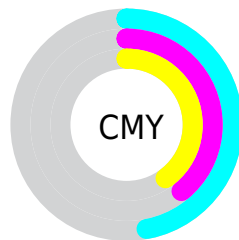
- Red (53%)
- Green (61%)
- Blue (60%)



- Red (53%)
- Yellow (57%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7074, 31.0100, 35.0970 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 27.7074, 31.0100, 35.0970 by changing the saturation by 10% instead.

■ 27.7074, 31.0100,
35.0970

■ 27.7074, 31.0100,
35.0970

283.1716,
306.5844, 339.9135

■ 18.2445, 20.6065,
23.4535

■ 55.4289, 61.2558,
68.7893

■ 11.2264, 12.8366,
14.7203

■ 74.4182, 81.8669,
91.6751

■ 6.2878, 7.3162,
8.4789

■ 97.3137, 106.6493,
119.1454

■ 3.0632, 3.6606,
4.3107

124.4808,
135.9873, 151.6188

■ 1.1873, 1.4856,
1.7973

156.2847,
170.2655, 189.5138

■ 0.0963, 0.2785,
0.4262

193.0910,

■ 0.0000, 0.0000,

209.8681, 233.2488

0.0000

235.2648,
255.1796, 283.2426

■ 27.7074, 31.0100,
35.0970

■ 27.7074, 31.0100,
35.0970

■ 25.3022, 29.7788,
34.6308

■ 30.4789, 32.4317,
35.5841

■ 23.2452, 28.7261,
34.1826

■ 33.6287, 34.0475,
36.0907

■ 21.5205, 27.8447,
33.7524

■ 37.1715, 35.8659,
36.6181

■ 20.1100, 27.1253,
33.3393

■ 41.1203, 37.8936,
37.1669

■ 18.9940, 26.5576,
32.9424

■ 45.4879, 40.1370,
37.7378

■ 18.1506, 26.1304,
32.5606

■ 50.2860, 42.6024,
38.3313

■ 17.5545, 25.8306,
32.1929

■ 55.5263, 45.2956,
38.9479

■ 17.1761, 25.6430,
31.8376

■ 59.3546, 47.2609,
39.5009

■ 16.9748, 25.5450,
31.5686

■ 59.4267, 47.2897,
39.8805

Harmonies

Analogous

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



27.7189, 31.0100, 32.3420



27.7074, 31.0100, 35.0970



28.1620, 31.0100, 37.6241

Triad

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



27.7074, 31.0100, 35.0970



30.7926, 31.0100, 37.7248



29.9808, 31.0100, 28.8901

Complementary

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



27.7074, 31.0100, 35.0970



26.8382, 26.3838, 27.3464

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.



30.8262, 31.0100, 30.1785



27.7074, 31.0100, 35.0970



31.3018, 31.0100, 35.2284

Square

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



27.7074, 31.0100, 35.0970



29.9357, 31.0100, 39.1966



31.3143, 31.0100, 32.4664



29.0172, 31.0100, 28.8592

Rectangle

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



27.7074, 31.0100, 35.0970



28.6741, 31.0100, 38.7972



31.3143, 31.0100, 32.4664



30.2887, 31.0100, 29.1872

Sweetspot

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



27.7083, 31.0113, 35.0977



53.6296, 57.5907, 63.5632



26.5265, 30.5625, 27.7941



12.0554, 12.9926, 14.3730



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.



27.7083, 31.0113, 35.0977



48.2455, 54.8309, 62.5960



26.4681, 28.3967, 35.0979



6.3705, 7.0209, 7.8745



13.6381, 20.5187, 25.3783



0.2076, 0.3082, 0.3989

Inverse Universe

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



26.8382, 26.3838, 27.3464



46.3415, 44.7041, 45.6335



27.9712, 28.7645, 27.3709



6.2213, 6.2277, 6.5457



10.8979, 5.6134, 0.7216



0.1660, 0.0852, 0.0270

Previews

White Background



This preview shows how the XYZ color 27.7074, 31.0100, 35.0970 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 27.7074, 31.0100, 35.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

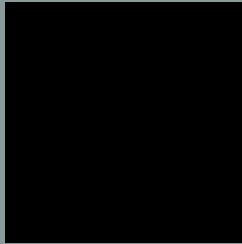
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

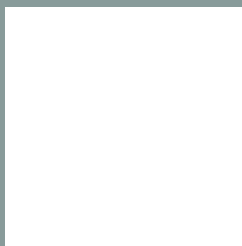
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7074, 31.0100, 35.0970

Background



This preview shows how black text looks on a background with the XYZ color 27.7074, 31.0100, 35.0970.



This preview shows how white text looks on a background with the XYZ color 27.7074, 31.0100,

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

27.7074, 31.0100, 35.0970

Protanopia

29.6291, 30.8194, 33.6653

Deuteranopia

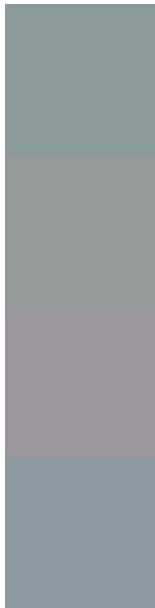
31.3839, 30.7446, 35.7327



Tritanopia

28.6640, 30.9024, 40.0513

Trichromacy



Original Color

27.7074, 31.0100, 35.0970

Protanomaly

28.9284, 30.9265, 34.1505

Deuteranomaly

29.8007, 30.6338, 35.3526

Tritanomaly

28.3052, 31.0028, 38.2105

Monochromacy



Original Color

27.7074, 31.0100, 35.0970

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1541, 30.2969, 33.6422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7074, 31.0100, 35.0970 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(136, 155, 154)` looks like.

```
.text, #text, p{  
    color:rgb(136, 155, 154)  
}
```

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(136, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 155, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.7074, 31.0100, 35.0970 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(136, 155, 154) }
```


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

```
.border{ border-color:rgb(136, 155, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 155, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 155, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 155, 154);  
box-shadow:4px 4px 4px 4px rgb(136, 155,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7074, 31.0100, 35.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 155, 154) }
```

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

```
.background{ background-color: rgb(136,  
155, 154) }
```

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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