

Converting Colors

XYZ(27.0250, 30.6466, 36.3893)

Have a look what the booklet for
XYZ(27.0250, 30.6466, 36.3893)
contains.

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Color

**XYZ(27.0131, 30.6228,
36.3853)**

Conversions

Conversions Part 1

Format	Color
Hex	829B9D
RGB	130, 155, 157
RGB Percent	51%, 61%, 62%
CMY	0.4902, 0.3921, 0.3843
CMYK	0.17, 0.01, 0.00, 0.38
HSL	184°, 12%, 56%
HSV	184°, 17%, 62%
XYZ	27.0131, 30.6228, 36.3853
YIQ	147.7530, -15.5420, -4.6780

Conversions

Conversions Part 2

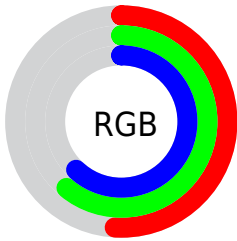
Format	Color
RYB	130, 143, 157
Decimal	8559517
CIELab	62.19, -8.28, -3.98
CIELCh	62, 9.187, 205.680
Yxy	30.6228, 0.2873, 0.3257
Android (android.graphics.Color)	4286749597 (0xFF829B9D)
YUV	147.7530, 4.5588, -15.5694
Hunter-Lab	55.3379, -9.7068, -0.2474

Details

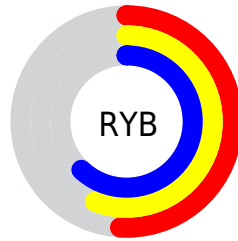
The XYZ color **27.0131, 30.6228, 36.3853** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1855, 25.2825, 24.6197**, and the grayscale version is **28.0324, 29.4923, 32.1171**.

A 20% lighter version of the original color is **54.2126, 60.4217, 71.0926**, and **10.8601, 12.6467, 15.5043** is the 20% darker color. If you saturate the color by 10%, you get **24.5941, 29.0909, 36.2176**, and if you desaturate by 10%, it is **29.8032, 32.3504, 36.5722**.

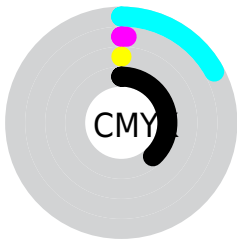
Distribution



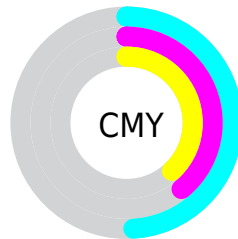
- Red (51%)
- Green (61%)
- Blue (62%)



- Red (51%)
- Yellow (56%)
- Blue (62%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0131, 30.6228, 36.3853 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 27.0131, 30.6228, 36.3853 by changing the saturation by 10% instead.

■ 27.0131, 30.6228,
36.3853

■ 27.0131, 30.6228,
36.3853

279.8869,
304.7968, 345.7297

■ 17.7197, 20.3118,
24.4399

■ 54.3246, 60.6457,
70.8021

■ 10.8474, 12.6219,
15.4450

■ 73.0735, 81.1264,
94.1105

■ 6.0308, 7.1687,
8.9822

■ 95.7048, 105.7658,
122.0437

■ 2.9047, 3.5678,
4.6329

122.5841,
134.9483, 155.0202

■ 1.1036, 1.4349,
1.9786

154.0765,
169.0582, 193.4584

■ 0.0281, 0.2422,
0.5421

190.5476,

■ 0.0000, 0.0000,

208.4800, 237.7771

0.0000

232.3626,
253.5981, 288.3947

■ 27.0131, 30.6228,
36.3853

■ 27.0131, 30.6228,
36.3853

■ 24.5941, 29.0909,
36.2176

■ 29.8032, 32.3504,
36.5722

■ 22.5269, 27.7423,
36.0662

■ 32.9774, 34.2779,
36.7770

■ 20.7946, 26.5691,
35.9311

■ 36.5510, 36.4142,
37.0009

■ 19.3777, 25.5612,
35.8112

■ 40.5382, 38.7664,
37.2448

■ 18.2547, 24.7076,
35.7057

■ 44.9519, 41.3413,
37.5092

■ 17.4015, 23.9958,
35.6132

■ 49.8050, 44.1455,
37.7947

■ 16.7900, 23.4113,
35.5326

■ 55.1094, 47.1852,
38.1018

■ 16.3750, 22.9308,
35.4618

■ 60.6547, 50.3519,
38.4208

■ 16.2699, 22.8024,
35.4425

■ 60.8640, 50.7706,
38.4906

Harmonies

Analogous

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



26.7964, 30.6228, 32.8322



27.0131, 30.6228, 36.3853



27.7845, 30.6228, 39.2961

Triad

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



27.0131, 30.6228, 36.3853



31.1166, 30.6228, 37.3362



29.2857, 30.6228, 26.9968

Complementary

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



27.0131, 30.6228, 36.3853



26.1855, 25.2825, 24.6197

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.



30.4688, 30.6228, 28.0237



27.0131, 30.6228, 36.3853



31.5447, 30.6228, 33.8592

Square

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



27.0131, 30.6228, 36.3853



30.1498, 30.6228, 39.8719



31.3044, 30.6228, 30.4752



28.0867, 30.6228, 27.5689

Rectangle

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



27.0131, 30.6228, 36.3853



28.5213, 30.6228, 40.3941



31.3044, 30.6228, 30.4752



29.6988, 30.6228, 27.1643

Sweetspot

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



27.0140, 30.6241, 36.3860



54.5098, 58.6303, 65.5705



25.4147, 30.5208, 26.3104



11.9165, 12.8536, 14.4233



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.



27.0140, 30.6241, 36.3860



46.4763, 53.6473, 65.0321



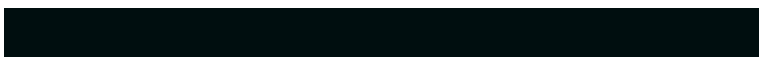
24.9208, 26.4377, 35.6883



6.7798, 7.4254, 8.4826



13.2256, 18.5428, 28.7893



0.2477, 0.3540, 0.5185

Inverse Universe

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



27.8044, 25.5007, 34.4684



48.1973, 42.5921, 60.8343



28.1058, 29.1230, 25.2598



6.8830, 6.7461, 8.2348



15.4739, 7.4941, 22.5443



0.2823, 0.1363, 0.4329

Previews

White Background



This preview shows how the XYZ color 27.0131, 30.6228, 36.3853 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 27.0131, 30.6228, 36.3853 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

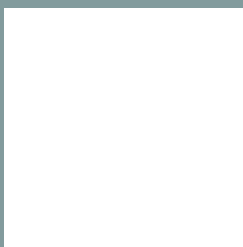
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0131, 30.6228, 36.3853

Background



This preview shows how black text looks on a background with the XYZ color 27.0131, 30.6228, 36.3853.



This preview shows how white text looks on a background with the XYZ color 27.0131, 30.6228,

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

27.0131, 30.6228, 36.3853

Protanopia

29.5291, 30.5034, 34.9032

Deuteranopia

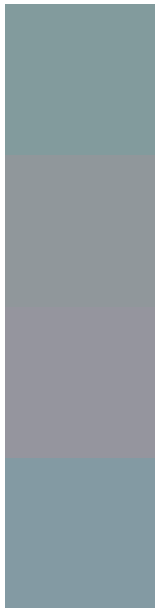
31.0341, 30.5346, 37.0590



Tritanopia

27.9543, 30.7699, 40.5422

Trichromacy



Original Color

27.0131, 30.6228, 36.3853

Protanomaly

28.4846, 30.4291, 35.3824

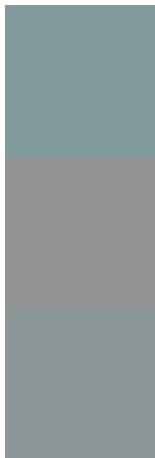
Deuteranomaly

29.3134, 30.3531, 36.6615

Tritanomaly

27.5265, 30.5808, 39.1022

Monochromacy



Original Color

27.0131, 30.6228, 36.3853

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6370, 30.0303, 33.6180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0131, 30.6228, 36.3853 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(130, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(130, 155, 157)  
}
```

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(130, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 155, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.0131, 30.6228, 36.3853 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(130, 155, 157) }
```


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

```
.border{ border-color:rgb(130, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(130, 155,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0131, 30.6228, 36.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 155, 157) }
```

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

```
.background{ background-color: rgb(130,  
155, 157) }
```

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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