

Converting Colors

XYZ(27.0951, 30.9231, 35.9932)

Have a look what the booklet for
XYZ(27.0951, 30.9231, 35.9932)
contains.

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Color

**XYZ(27.0951, 30.9231,
35.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	829C9C
RGB	130, 156, 156
RGB Percent	51%, 61%, 61%
CMY	0.4902, 0.3882, 0.3882
CMYK	0.17, 0.00, 0.00, 0.39
HSL	180°, 12%, 56%
HSV	180°, 17%, 61%
XYZ	27.0951, 30.9231, 35.9932
YIQ	148.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

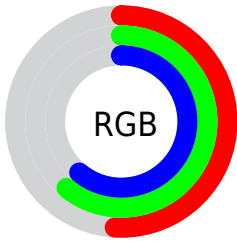
Format	Color
RYB	130, 143, 156
Decimal	8559772
CIELab	62.44, -9.05, -3.04
CIELCh	62, 9.543, 198.586
Yxy	30.9231, 0.2882, 0.3289
Android (android.graphics.Color)	4286749852 (0xFF829C9C)
YUV	148.2260, 3.8326, -15.9842
Hunter-Lab	55.6085, -10.3413, 0.5499

Details

The XYZ color **27.0951, 30.9231, 35.9932** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.7233, 24.6456, 24.5216**, and the grayscale version is **28.2325, 29.7028, 32.3463**.

A 20% lighter version of the original color is **54.4556, 61.3090, 69.9365**, and **10.9096, 12.8285, 15.2658** is the 20% darker color. If you saturate the color by 10%, you get **24.8815, 29.7828, 35.8896**, and if you desaturate by 10%, it is **29.6734, 32.2530, 36.1152**.

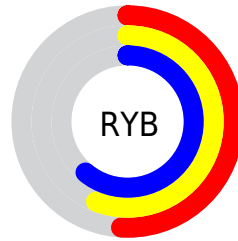
Distribution



Red (51%)

Green (61%)

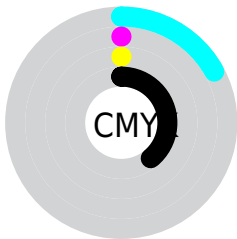
Blue (61%)



Red (51%)

Yellow (56%)

Blue (61%)

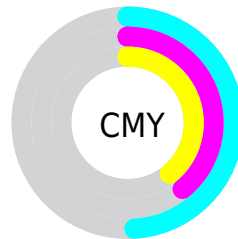


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (49%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0951, 30.9231, 35.9932 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 27.0951, 30.9231, 35.9932 by changing the saturation by 10% instead.

■ 27.0951, 30.9231,
35.9932

■ 27.0951, 30.9231,
35.9932

280.2764,
306.1839, 343.9673

■ 17.7816, 20.5403,
24.1393

■ 54.4552, 61.1190,
70.1905

■ 10.8920, 12.7884,
15.2238

■ 73.2326, 81.7008,
93.3710

■ 6.0610, 7.2830,
8.8283

■ 95.8953, 106.4512,
121.1640

■ 2.9232, 3.6397,
4.5340

122.8087,
135.7544, 153.9883

■ 1.1133, 1.4741,
1.9227

154.3382,
169.9949, 192.2621

■ 0.0362, 0.2704,
0.5071

190.8491,

■ 0.0000, 0.0000,

209.5570, 236.4043

0.0000

232.7067,
254.8252, 286.8331

■ 27.0951, 30.9231,
35.9932

■ 27.0951, 30.9231,
35.9932

■ 24.8815, 29.7828,
35.8896

■ 29.6734, 32.2530,
36.1152

■ 23.0135, 28.8198,
35.8016

■ 32.6288, 33.7766,
36.2541

■ 21.4745, 28.0264,
35.7289

■ 35.9767, 35.5025,
36.4114

■ 20.2455, 27.3929,
35.6707

■ 39.7307, 37.4377,
36.5877

■ 19.3054, 26.9083,
35.6261

■ 43.9037, 39.5890,
36.7837

■ 18.6307, 26.5605,
35.5939

■ 48.5083, 41.9627,
36.9998

■ 18.1941, 26.3354,
35.5728

■ 53.5561, 44.5650,
37.2367

■ 17.9540, 26.2116,
35.5610

■ 59.0588, 47.4017,
37.4948

■ 17.8889, 26.1781,
35.5577

■ 59.1310, 47.4389,
37.4989

Harmonies

Analogous

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



27.0189, 30.9231, 32.2791



27.0951, 30.9231, 35.9932



27.7757, 30.9231, 39.3031

Triad

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



27.0951, 30.9231, 35.9932



31.2977, 30.9231, 38.6083



29.8867, 30.9231, 27.1556

Complementary

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



27.0951, 30.9231, 35.9932



25.7233, 24.6456, 24.5216

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.



31.0687, 30.9231, 28.6026



27.0951, 30.9231, 35.9932



31.8991, 30.9231, 35.1003

Square

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



27.0951, 30.9231, 35.9932



30.1919, 30.9231, 40.8877



31.8141, 30.9231, 31.4490



28.6054, 30.9231, 27.3560

Rectangle

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



27.0951, 30.9231, 35.9932



28.4922, 30.9231, 40.7509



31.8141, 30.9231, 31.4490



30.3095, 30.9231, 27.4609

Sweetspot

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



27.0960, 30.9244, 35.9939



54.6887, 58.9882, 65.6296



25.1911, 30.1701, 25.6152



11.9609, 12.9423, 14.4379



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.



27.0960, 30.9244, 35.9939



47.6367, 55.3528, 65.2978



25.0951, 26.9223, 35.3279



6.8218, 7.5095, 8.4965



14.7342, 21.5616, 29.2872



0.2635, 0.3855, 0.5237

Inverse Universe

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



25.7233, 24.6456, 24.5216



44.6637, 41.7545, 40.4515



27.4982, 28.1957, 25.1125



6.6331, 6.6462, 6.9190



11.2932, 5.8218, 0.5289



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 27.0951, 30.9231, 35.9932 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 27.0951, 30.9231, 35.9932 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

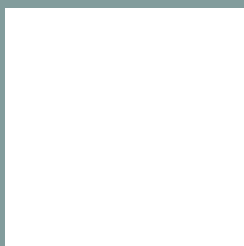
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0951, 30.9231, 35.9932

Background



This preview shows how black text looks on a background with the XYZ color 27.0951, 30.9231, 35.9932.

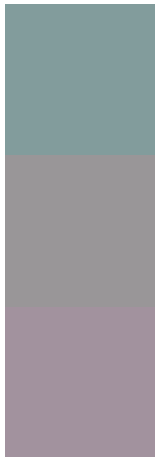


This preview shows how white text looks on a background with the XYZ color 27.0951, 30.9231,

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

27.0951, 30.9231, 35.9932

Protanopia

29.7107, 30.8520, 34.0949

Deuteranopia

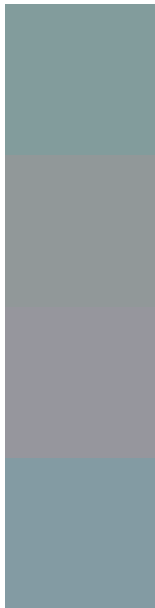
31.3507, 30.7078, 36.6226



Tritanopia

28.0464, 30.8068, 41.0273

Trichromacy



Original Color

27.0951, 30.9231, 35.9932

Protanomaly

28.6551, 30.7761, 34.5671

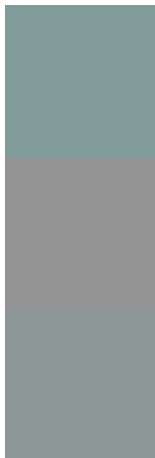
Deuteranomaly

29.5698, 30.7310, 36.2715

Tritanomaly

27.6923, 30.9123, 39.1575

Monochromacy



Original Color

27.0951, 30.9231, 35.9932

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 27.0951, 30.9231, 35.9932 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, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(130, 156, 156)  
}
```

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, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.0951, 30.9231, 35.9932 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, 156, 156) }
```


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

```
.border{ border-color:rgb(130, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(130, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0951, 30.9231, 35.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 156, 156) }
```

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

```
.background{ background-color: rgb(130,  
156, 156) }
```

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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