

Converting Colors

XYZ(28.0367, 30.6707, 38.2149)

Have a look what the booklet for
XYZ(28.0367, 30.6707, 38.2149)
contains.

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Color

**XYZ(27.9776, 30.5899,
38.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	8899A1
RGB	136, 153, 161
RGB Percent	53%, 60%, 63%
CMY	0.4667, 0.4000, 0.3686
CMYK	0.16, 0.05, 0.00, 0.37
HSL	199°, 12%, 58%
HSV	199°, 16%, 63%
XYZ	27.9776, 30.5899, 38.1481
YIQ	148.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

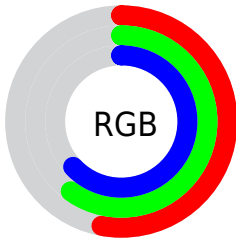
Format	Color
RYB	136, 146, 161
Decimal	8952225
CIELab	62.16, -4.29, -6.24
CIELCh	62, 7.570, 235.459
Yxy	30.5899, 0.2893, 0.3163
Android (android.graphics.Color)	4287142305 (0xFF8899A1)
YUV	148.8290, 6.0003, -11.2510
Hunter-Lab	55.3081, -6.4951, -2.1788

Details

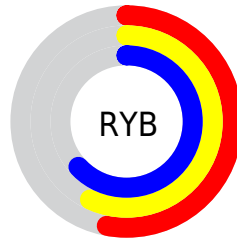
The XYZ color **27.9776, 30.5899, 38.1481** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1154, 29.3012, 27.4143**, and the grayscale version is **28.4753, 29.9583, 32.6245**.

A 20% lighter version of the original color is **55.9427, 60.5307, 73.7008**, and **11.4036, 12.6070, 16.5842** is the 20% darker color. If you saturate the color by 10%, you get **24.7320, 27.6929, 37.7605**, and if you desaturate by 10%, it is **31.6542, 33.7648, 38.5676**.

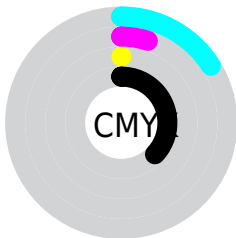
Distribution



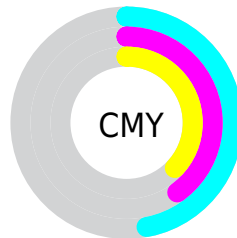
- Red (53%)
- Green (60%)
- Blue (63%)



- Red (53%)
- Yellow (57%)
- Blue (63%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)



- Cyan (47%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9776, 30.5899, 38.1481 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 27.9776, 30.5899, 38.1481 by changing the saturation by 10% instead.

■ 27.9776, 30.5899,
38.1481

■ 27.9776, 30.5899,
38.1481

284.4419,
304.6445, 353.5721

■ 18.4491, 20.2868,
25.7949

■ 55.8576, 60.5938,
73.5410

■ 11.3746, 12.6037,
16.4459

■ 74.9398, 81.0634,
97.4179

■ 6.3885, 7.1562,
9.6825

■ 97.9373, 105.6906,
125.9730

■ 3.1256, 3.5600,
5.0861

125.2155,
134.8598, 159.6250

■ 1.2205, 1.4306,
2.2382

157.1397,
168.9554, 198.7923

■ 0.1225, 0.2391,
0.6963

194.0752,

■ 0.0000, 0.0000,

208.3618, 243.8936

0.0000

236.3875,
253.4634, 295.3473

■ 27.9776, 30.5899,
38.1481

■ 27.9776, 30.5899,
38.1481

■ 24.7320, 27.6929,
37.7605

■ 31.6542, 33.7648,
38.5676

■ 21.8968, 25.0599,
37.4017

■ 35.7760, 37.2230,
39.0179

■ 19.4536, 22.6818,
37.0714

■ 40.3596, 40.9747,
39.5004

■ 17.3816, 20.5470,
36.7686

■ 45.4202, 45.0282,
40.0161

■ 15.6579, 18.6430,
36.4919

■ 50.9721, 49.3916,
40.5657

■ 14.2568, 16.9558,
36.2401

■ 57.0290, 54.0727,
41.1500

■ 13.1486, 15.4695,
36.0116

■ 63.6042, 59.0787,
41.7697

■ 12.2951, 14.1634,
35.8045

■ 67.0115, 62.5100,
42.2525

■ 11.9546, 13.6162,
35.7168

■ 68.1795, 64.8459,
42.6418

Harmonies

Analogous

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



27.3408, 30.5899, 35.7788



27.9776, 30.5899, 38.1481



28.9199, 30.5899, 39.2219

Triad

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



27.9776, 30.5899, 38.1481



31.0727, 30.5899, 33.7536



28.2404, 30.5899, 28.4919

Complementary

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



27.9776, 30.5899, 38.1481



29.1154, 29.3012, 27.4143

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.



29.2302, 30.5899, 28.0192



27.9776, 30.5899, 38.1481



30.8805, 30.5899, 30.9521

Square

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



27.9776, 30.5899, 38.1481



30.7193, 30.5899, 36.5923



30.2003, 30.5899, 28.8942



27.4900, 30.5899, 30.2249

Rectangle

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



27.9776, 30.5899, 38.1481



29.6003, 30.5899, 39.0155



30.2003, 30.5899, 28.8942



28.5555, 30.5899, 28.1848

Sweetspot

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



27.9785, 30.5912, 38.1488



56.9925, 60.7269, 69.1042



27.9265, 32.7356, 31.1995



12.3986, 13.2327, 15.1443



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.9785, 30.5912, 38.1488



47.7909, 52.7405, 68.0476



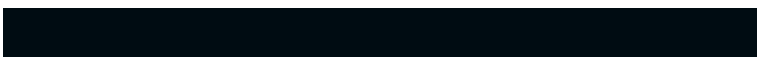
26.0505, 26.7352, 37.5061



7.0841, 7.6273, 9.0019



9.5855, 10.9504, 28.5382



0.2411, 0.3095, 0.6129

Inverse Universe

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



29.2526, 27.4860, 33.9020



50.5881, 46.0874, 58.6870



31.1009, 33.2722, 28.0761



7.2674, 7.1634, 8.3948



13.9838, 6.9496, 12.3711



0.3139, 0.1540, 0.3655

Previews

White Background



This preview shows how the XYZ color 27.9776, 30.5899, 38.1481 looks on a white background.

Color Contrast Check

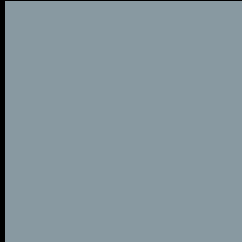
Large Text (above 18pt) WCAG AA × Fail

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 27.9776, 30.5899, 38.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

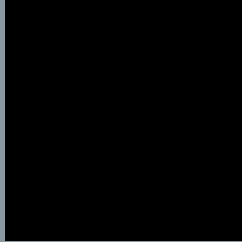
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

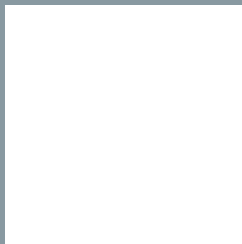
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9776, 30.5899, 38.1481

Background



This preview shows how black text looks on a background with the XYZ color 27.9776, 30.5899, 38.1481.



This preview shows how white text looks on a background with the XYZ color 27.9776, 30.5899,

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

27.9776, 30.5899, 38.1481

Protanopia

29.5831, 30.4821, 37.1253

Deuteranopia

31.0985, 30.5373, 38.4376



Tritanopia

28.3363, 30.4915, 39.9893

Trichromacy



Original Color

27.9776, 30.5899, 38.1481

Protanomaly

28.9286, 30.3705, 37.5951

Deuteranomaly

30.0315, 30.6828, 38.5220

Tritanomaly

28.2456, 30.4552, 39.5117

Monochromacy



Original Color

27.9776, 30.5899, 38.1481

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1577, 30.0419, 34.4516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9776, 30.5899, 38.1481 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, 153, 161)` looks like.

```
.text, #text, p{  
    color:rgb(136, 153, 161)  
}
```

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, 153, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 153, 161) }
```

Border

The CSS property to change the border of an element to XYZ 27.9776, 30.5899, 38.1481 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, 153, 161) }
```


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

```
.border{ border-color:rgb(136, 153, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 153, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 153, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 153, 161);  
box-shadow:4px 4px 4px 4px rgb(136, 153,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9776, 30.5899, 38.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 153, 161) }
```

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

```
.background{ background-color: rgb(136,  
153, 161) }
```

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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