

Converting Colors

XYZ(27.8038, 29.9840, 38.2868)

Have a look what the booklet for
XYZ(27.8038, 29.9840, 38.2868)
contains.

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Color

**XYZ(27.9047, 30.0602,
38.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	8997A2
RGB	137, 151, 162
RGB Percent	54%, 59%, 64%
CMY	0.4627, 0.4078, 0.3647
CMYK	0.15, 0.07, 0.00, 0.36
HSL	206°, 12%, 59%
HSV	206°, 15%, 64%
XYZ	27.9047, 30.0602, 38.5139
YIQ	148.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

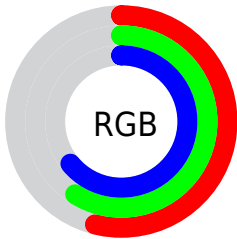
Format	Color
RYB	137, 146, 162
Decimal	9017250
CIELab	61.71, -2.63, -7.47
CIELCh	62, 7.915, 250.629
Yxy	30.0602, 0.2892, 0.3116
Android (android.graphics.Color)	4287207330 (0xFF8997A2)
YUV	148.0680, 6.8685, -9.7066
Hunter-Lab	54.8272, -5.0987, -3.2698

Details

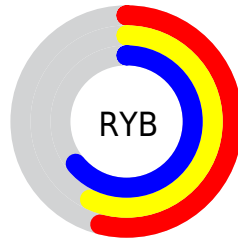
The XYZ color **27.9047, 30.0602, 38.5139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0057, 30.6672, 28.0053**, and the grayscale version is **28.1532, 29.6193, 32.2554**.

A 20% lighter version of the original color is **55.8416, 59.7488, 74.2351**, and **11.3021, 12.2664, 16.5238** is the 20% darker color. If you saturate the color by 10%, you get **24.3336, 26.5684, 38.0286**, and if you desaturate by 10%, it is **31.9457, 33.8987, 39.0423**.

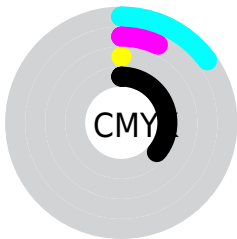
Distribution



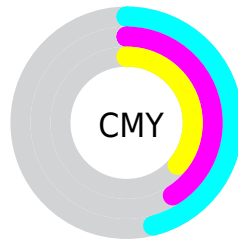
- Red (54%)
- Green (59%)
- Blue (64%)



- Red (54%)
- Yellow (57%)
- Blue (64%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (46%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9047, 30.0602, 38.5139 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 27.9047, 30.0602, 38.5139 by changing the saturation by 10% instead.

■ 27.9047, 30.0602,
38.5139

■ 27.9047, 30.0602,
38.5139

284.0996,
302.1850, 355.1834

■ 18.3939, 19.8843,
26.0769

■ 55.7420, 59.7574,
74.1073

■ 11.3346, 12.3110,
16.6549

■ 74.7992, 80.0474,
98.1007

■ 6.3613, 6.9558,
9.8294

■ 97.7692, 104.4776,
126.7833

■ 3.1087, 3.4345,
5.1819

125.0174,
133.4324, 160.5737

■ 1.2115, 1.3626,
2.2938

156.9093,
167.2961, 199.8903

■ 0.1154, 0.1889,
0.7277

193.8100,

■ 0.0000, 0.0000,

206.4532, 245.1518

0.0000

236.0850,
251.2880, 296.7767

■ 27.9047, 30.0602,
38.5139

■ 27.9047, 30.0602,
38.5139

■ 24.3336, 26.5684,
38.0286

■ 31.9457, 33.8987,
39.0423

■ 21.2108, 23.4081,
37.5832

■ 36.4717, 38.0912,
39.6130

■ 18.5169, 20.5682,
37.1770

■ 41.5004, 42.6492,
40.2277

■ 16.2298, 18.0355,
36.8087

■ 47.0477, 47.5827,
40.8876

■ 14.3256, 15.7954,
36.4767

■ 53.1291, 52.9011,
41.5937

■ 12.7773, 13.8323,
36.1794

■ 59.7589, 58.6137,
42.3469

■ 11.5539, 12.1280,
35.9149

■ 66.9514, 64.7291,
43.1482

■ 10.6161, 10.6600,
35.6810

■ 70.3217, 68.9886,
43.7927

■ 10.2401, 10.0455,
35.5822

■ 72.0987, 72.5427,
44.3850

Harmonies

Analogous

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



27.0614, 30.0602, 36.6551



27.9047, 30.0602, 38.5139



28.9466, 30.0602, 38.7696

Triad

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



27.9047, 30.0602, 38.5139



30.6088, 30.0602, 31.6721



27.2725, 30.0602, 28.5221

Complementary

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



27.9047, 30.0602, 38.5139



30.0057, 30.6672, 28.0053

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.



28.1993, 30.0602, 27.3535



27.9047, 30.0602, 38.5139



30.1364, 30.0602, 29.0965

Square

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



27.9047, 30.0602, 38.5139



30.5252, 30.0602, 34.6926



29.2485, 30.0602, 27.5571



26.7027, 30.0602, 30.8437

Rectangle

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



27.9047, 30.0602, 38.5139



29.6158, 30.0602, 37.9804



29.2485, 30.0602, 27.5571



27.5517, 30.0602, 27.9881

Sweetspot

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



27.9056, 30.0614, 38.5146



58.2566, 61.7857, 70.9115



28.5695, 33.2924, 32.8687



12.9674, 13.7673, 15.9114



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.9056, 30.0614, 38.5146



48.0121, 52.0084, 69.5642



26.0231, 26.2964, 37.8871



7.0140, 7.4871, 8.9785



8.1107, 8.0009, 28.0466



0.2165, 0.2602, 0.6047

Inverse Universe

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



29.4326, 27.8077, 33.0957



51.4291, 47.1293, 57.4013



32.0448, 34.7454, 28.6850



7.2321, 7.1493, 8.2084



13.2394, 6.6518, 8.4512



0.3014, 0.1491, 0.3000

Previews

White Background



This preview shows how the XYZ color 27.9047, 30.0602, 38.5139 looks on a white background.

Color Contrast Check

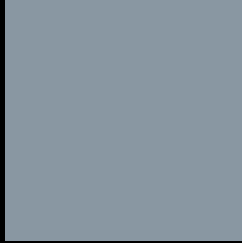
Large Text (above 18pt) WCAG AA × Fail

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 27.9047, 30.0602, 38.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

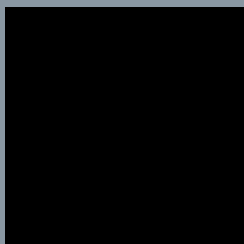
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

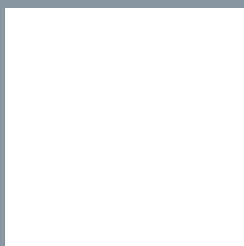
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9047, 30.0602, 38.5139

Background



This preview shows how black text looks on a background with the XYZ color 27.9047, 30.0602, 38.5139.



This preview shows how white text looks on a background with the XYZ color 27.9047, 30.0602,

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

27.9047, 30.0602, 38.5139

Protanopia

29.1478, 30.0138, 37.5147

Deuteranopia

30.6409, 30.0632, 38.8382



Tritanopia

27.9940, 30.0959, 38.9840

Trichromacy



Original Color

27.9047, 30.0602, 38.5139

Protanomaly

28.6821, 29.9974, 37.9966

Deuteranomaly

29.6223, 29.9958, 38.8788

Tritanomaly

27.9940, 30.0959, 38.9840

Monochromacy



Original Color

27.9047, 30.0602, 38.5139

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9988, 29.7241, 34.3986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9047, 30.0602, 38.5139 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(137, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(137, 151, 162)  
}
```

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(137, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 151, 162) }
```

Border

The CSS property to change the border of an element to XYZ 27.9047, 30.0602, 38.5139 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(137, 151, 162) }
```


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

```
.border{ border-color:rgb(137, 151, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(137, 151,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9047, 30.0602, 38.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 151, 162) }
```

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

```
.background{ background-color: rgb(137,  
151, 162) }
```

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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