

Converting Colors

XYZ(27.4887, 30.9231, 38.3139)

Have a look what the booklet for
XYZ(27.4887, 30.9231, 38.3139)
contains.

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Color

**XYZ(27.3603, 30.7617,
38.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	829BA1
RGB	130, 155, 161
RGB Percent	51%, 61%, 63%
CMY	0.4902, 0.3921, 0.3686
CMYK	0.19, 0.04, 0.00, 0.37
HSL	192°, 14%, 57%
HSV	192°, 19%, 63%
XYZ	27.3603, 30.7617, 38.2138
YIQ	148.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

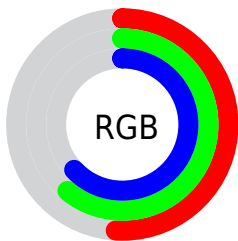
Format	Color
RYB	130, 144, 161
Decimal	8559521
CIELab	62.31, -7.39, -6.06
CIElCh	62, 9.557, 219.389
Yxy	30.7617, 0.2840, 0.3193
Android (android.graphics.Color)	4286749601 (0xFF829BA1)
YUV	148.2090, 6.3060, -15.9693
Hunter-Lab	55.4632, -9.0057, -2.0262

Details

The XYZ color **27.3603, 30.7617, 38.2138** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.5317, 26.7972, 24.8411**, and the grayscale version is **28.2158, 29.6852, 32.3272**.

A 20% lighter version of the original color is **54.7236, 60.6261, 73.7835**, and **11.0731, 12.7319, 16.6257** is the 20% darker color. If you saturate the color by 10%, you get **24.5698, 28.5642, 37.9372**, and if you desaturate by 10%, it is **30.5524, 33.1877, 38.5143**.

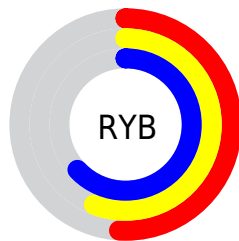
Distribution



Red (51%)

Green (61%)

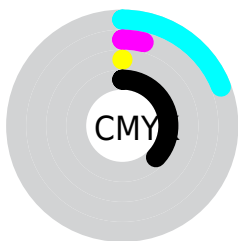
Blue (63%)



Red (51%)

Yellow (56%)

Blue (63%)

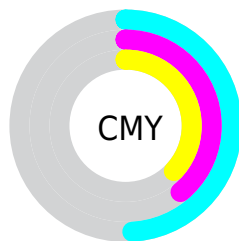


Cyan (19%)

Magenta (4%)

Yellow (0%)

Black (37%)



Cyan (49%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3603, 30.7617, 38.2138 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 27.3603, 30.7617, 38.2138 by changing the saturation by 10% instead.

■ 27.3603, 30.7617,
38.2138

■ 27.3603, 30.7617,
38.2138

281.5333,
305.4390, 353.8619

■ 17.9820, 20.4175,
25.8455

■ 54.8773, 60.8647,
73.6428

■ 11.0367, 12.6989,
16.4834

■ 73.7467, 81.3922,
97.5406

■ 6.1590, 7.2215,
9.7088

■ 96.5105, 106.0830,
126.1186

■ 2.9836, 3.6010,
5.1033

123.5341,
135.3214, 159.7955

■ 1.1451, 1.4530,
2.2482

155.1828,
169.4918, 198.9897

■ 0.0623, 0.2553,
0.7020

191.8220,

■ 0.0000, 0.0000,

208.9786, 244.1198

0.0000

233.8171,
254.1662, 295.6044

■ 27.3603, 30.7617,
38.2138

■ 27.3603, 30.7617,
38.2138

■ 24.5698, 28.5642,
37.9372

■ 30.5524, 33.1877,
38.5143

■ 22.1603, 26.5820,
37.6816

■ 34.1602, 35.8472,
38.8375

■ 20.1131, 24.8061,
37.4467

■ 38.2006, 38.7499,
39.1848

■ 18.4070, 23.2255,
37.2316

■ 42.6885, 41.9036,
39.5570

■ 17.0187, 21.8280,
37.0350

■ 47.6383, 45.3158,
39.9548

■ 15.9214, 20.5996,
36.8557

■ 53.0635, 48.9937,
40.3787

■ 15.0842, 19.5242,
36.6923

■ 58.9773, 52.9441,
40.8295

■ 14.4417, 18.5680,
36.5416

■ 63.9792, 56.4453,
41.2417

■ 14.3957, 18.4985,
36.5306

■ 64.6148, 57.7166,
41.4536

Harmonies

Analogous

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



26.8555, 30.7617, 34.6681



27.3603, 30.7617, 38.2138



28.3725, 30.7617, 40.6027

Triad

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



27.3603, 30.7617, 38.2138



31.6249, 30.7617, 36.0610



28.8348, 30.7617, 26.9553

Complementary

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



27.3603, 30.7617, 38.2138



27.5317, 26.7972, 24.8411

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.



30.1211, 30.7617, 27.2680



27.3603, 30.7617, 38.2138



31.7575, 30.7617, 32.3472

Square

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



27.3603, 30.7617, 38.2138



30.8426, 30.7617, 39.2977



31.1999, 30.7617, 29.1802



27.6902, 30.7617, 28.2923

Rectangle

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



27.3603, 30.7617, 38.2138



29.2116, 30.7617, 41.1221



31.1999, 30.7617, 29.1802



29.2646, 30.7617, 26.8733

Sweetspot

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



27.3612, 30.7630, 38.2145



56.6639, 60.8857, 69.1521



26.3729, 32.0047, 27.9629



12.3448, 13.2920, 15.1586



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.



27.3612, 30.7630, 38.2145



46.8271, 53.3997, 68.2256



24.9909, 26.0223, 37.4244



7.1591, 7.7773, 9.0269



11.5256, 14.8306, 29.1849



0.2704, 0.3680, 0.6226

Inverse Universe

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



28.5977, 25.9096, 34.5055



49.4702, 43.2226, 60.2532



29.8239, 31.3817, 25.6051



7.3053, 7.1786, 8.5941



14.9631, 7.3413, 17.5279



0.3286, 0.1600, 0.4433

Previews

White Background



This preview shows how the XYZ color 27.3603, 30.7617, 38.2138 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 27.3603, 30.7617, 38.2138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

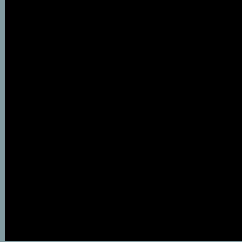
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

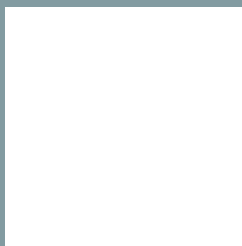
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3603, 30.7617, 38.2138

Background



This preview shows how black text looks on a background with the XYZ color 27.3603, 30.7617, 38.2138.



This preview shows how white text looks on a background with the XYZ color 27.3603, 30.7617,

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

27.3603, 30.7617, 38.2138

Protanopia

29.6815, 30.5428, 36.6787

Deuteranopia

31.1878, 30.5730, 38.9077



Tritanopia

27.7986, 30.6897, 40.5349

Trichromacy



Original Color

27.3603, 30.7617, 38.2138

Protanomaly

28.6523, 30.4761, 37.1732

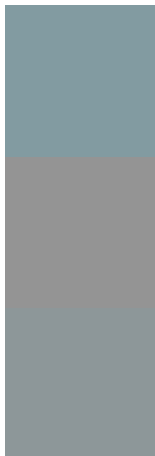
Deuteranomaly

29.4818, 30.3994, 38.4962

Tritanomaly

27.6165, 30.6168, 39.5761

Monochromacy



Original Color

27.3603, 30.7617, 38.2138

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8009, 30.0958, 34.4808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3603, 30.7617, 38.2138 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(130, 155, 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(130, 155, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 155, 161) }
```

Border

The CSS property to change the border of an element to XYZ 27.3603, 30.7617, 38.2138 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, 161) }
```


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

```
.border{ border-color:rgb(130, 155, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 155, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 155, 161);  
box-shadow:4px 4px 4px 4px rgb(130, 155,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3603, 30.7617, 38.2138 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, 161) }
```

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

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