

Converting Colors

XYZ(27.0197, 26.9979, 39.9858)

Have a look what the booklet for
XYZ(27.0197, 26.9979, 39.9858)
contains.

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Color

**XYZ(27.0762, 27.0848,
39.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8CA6
RGB	140, 140, 166
RGB Percent	55%, 55%, 65%
CMY	0.4510, 0.4510, 0.3490
CMYK	0.16, 0.16, 0.00, 0.35
HSL	240°, 13%, 60%
HSV	240°, 16%, 65%
XYZ	27.0762, 27.0848, 39.8772
YIQ	142.9640, -8.3460, 8.0860

Conversions

Conversions Part 2

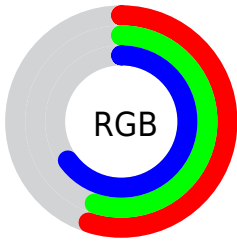
Format	Color
R_{YB}	140, 140, 166
Decimal	9211046
CIE _{Lab}	59.05, 5.49, -13.69
CIE _{LCh}	59, 14.751, 291.848
Yxy	27.0848, 0.2879, 0.2880
Android (android.graphics.Color)	4287401126 (0xFF8C8CA6)
YUV	142.9640, 11.3567, -2.5994
Hunter-Lab	52.0431, 1.7920, -8.9999

Details

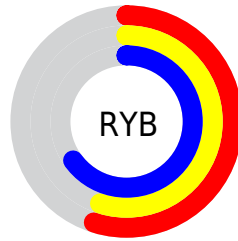
The XYZ color **27.0762, 27.0848, 39.8772** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.0958, 37.2726, 30.2087**, and the grayscale version is **26.0532, 27.4100, 29.8495**.

A 20% lighter version of the original color is **54.3692, 54.8297, 76.1242**, and **10.9099, 10.7009, 17.4101** is the 20% darker color. If you saturate the color by 10%, you get **22.2422, 21.2603, 39.0082**, and if you desaturate by 10%, it is **32.6998, 33.8608, 40.8891**.

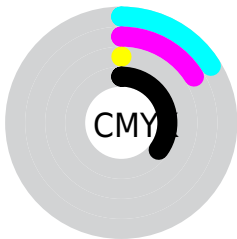
Distribution



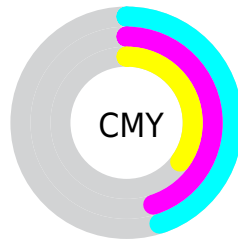
- Red (55%)
- Green (55%)
- Blue (65%)



- Red (55%)
- Yellow (55%)
- Blue (65%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0762, 27.0848, 39.8772 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 27.0762, 27.0848, 39.8772 by changing the saturation by 10% instead.

■ 27.0762, 27.0848,
39.8772

■ 27.0762, 27.0848,
39.8772

280.1867,
288.0675, 361.1424

■ 17.7673, 17.6369,
27.1298

■ 54.4251, 55.0199,
76.2115

■ 10.8818, 10.6896,
17.4374

■ 73.1959, 74.2759,
100.6355

■ 6.0541, 5.8585,
10.3816

■ 95.8514, 97.5701,
129.7887

■ 2.9190, 2.7593,
5.5438

122.7570,
125.2869, 164.0897

■ 1.1111, 1.0074,
2.5055

154.2779,
157.8106, 203.9570

■ 0.0343, 0.0000,
0.8430

190.7796,

■ 0.0000, 0.0000,

195.5257, 249.8092

0.0000

232.6274,
238.8165, 302.0648

■ 27.0762, 27.0848,
39.8772

■ 27.0762, 27.0848,
39.8772

■ 22.2422, 21.2603,
39.0082

■ 32.6998, 33.8608,
40.8891

■ 18.1600, 16.3416,
38.2739

■ 39.1433, 41.6247,
42.0481

■ 14.7927, 12.2843,
37.6683

■ 46.4388, 50.4150,
43.3603

■ 12.0991, 9.0387,
37.1838

■ 54.6156, 60.2673,
44.8310

■ 10.0340, 6.5503,
36.8123

■ 63.7019, 71.2154,
46.4653

■ 8.5465, 4.7578,
36.5447

■ 73.7245, 83.2915,
48.2680

■ 7.5778, 3.5905,
36.3705

■ 83.8830, 95.5332,
50.0955

■ 7.0514, 2.9563,
36.2758

■ 6.8832, 2.7535,
36.2455

Harmonies

Analogous

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



25.2472, 27.0848, 40.6433



27.0762, 27.0848, 39.8772



28.6130, 27.0848, 36.1700

Triad

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



27.0762, 27.0848, 39.8772



27.9806, 27.0848, 22.2495



22.4123, 27.0848, 28.0837

Complementary

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



27.0762, 27.0848, 39.8772



34.0958, 37.2726, 30.2087

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.



23.0721, 27.0848, 23.6889



27.0762, 27.0848, 39.8772



26.2459, 27.0848, 20.5914

Square

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



27.0762, 27.0848, 39.8772



29.1522, 27.0848, 25.8944



24.4549, 27.0848, 21.0852



22.6111, 27.0848, 33.4055

Rectangle

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



27.0762, 27.0848, 39.8772



29.2367, 27.0848, 32.7456



24.4549, 27.0848, 21.0852



22.5399, 27.0848, 26.4590

Sweetspot

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



27.0770, 27.0859, 39.8778



59.9716, 62.2069, 74.3216



31.2951, 35.5856, 41.0880



13.2545, 13.7207, 16.6019



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.0770, 27.0859, 39.8778



45.7400, 45.0591, 71.7618



29.3167, 28.2401, 39.9825



7.1319, 7.3006, 9.4516



5.3375, 2.1352, 28.1063



0.1299, 0.0520, 0.6838

Inverse Universe

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



29.8382, 28.7572, 28.7903



51.7757, 48.7124, 47.5255



31.5891, 35.9809, 30.0915



7.5312, 7.5423, 7.8483



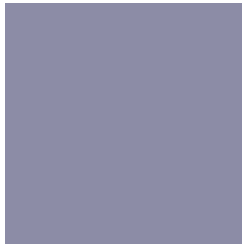
12.1947, 6.2866, 0.5710



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 27.0762, 27.0848, 39.8772 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0762, 27.0848, 39.8772 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 × Fail

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

XYZ 27.0762, 27.0848, 39.8772

Background



This preview shows how black text looks on a background with the XYZ color 27.0762, 27.0848, 39.8772.



This preview shows how white text looks on a background with the XYZ color 27.0762, 27.0848,

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

27.0762, 27.0848, 39.8772

Protanopia

26.8165, 27.1581, 40.3879

Deuteranopia

27.6172, 27.1477, 39.8608



Tritanopia

25.9040, 27.0492, 33.9927

Trichromacy



Original Color

27.0762, 27.0848, 39.8772

Protanomaly

26.9812, 27.2430, 40.3956

Deuteranomaly

27.4432, 27.0581, 39.8527

Tritanomaly

26.3439, 27.0073, 36.1722

Monochromacy



Original Color

27.0762, 27.0848, 39.8772

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4142, 27.3312, 33.1614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0762, 27.0848, 39.8772 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(140, 140, 166)` looks like.

```
.text, #text, p{  
    color:rgb(140, 140, 166)  
}
```

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(140, 140, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 140, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.0762, 27.0848, 39.8772 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(140, 140, 166) }
```


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

```
.border{ border-color:rgb(140, 140, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 140, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 140, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 140, 166);  
box-shadow:4px 4px 4px 4px rgb(140, 140,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0762, 27.0848, 39.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 140, 166) }
```

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

```
.background{ background-color: rgb(140,  
140, 166) }
```

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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