

Converting Colors

XYZ(27.6993, 26.7372, 39.3696)

Have a look what the booklet for
XYZ(27.6993, 26.7372, 39.3696)
contains.

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Color

**XYZ(27.7698, 26.8110,
39.3087)**

Conversions

Conversions Part 1

Format	Color
Hex	9389A5
RGB	147, 137, 165
RGB Percent	58%, 54%, 65%
CMY	0.4235, 0.4627, 0.3529
CMYK	0.11, 0.17, 0.00, 0.35
HSL	261°, 13%, 59%
HSV	261°, 17%, 65%
XYZ	27.7698, 26.8110, 39.3087
YIQ	143.1820, -3.0280, 10.8280

Conversions

Conversions Part 2

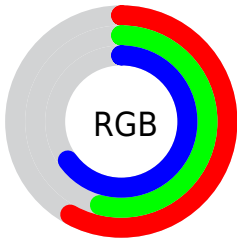
Format	Color
RYB	147, 137, 165
Decimal	9669029
CIELab	58.80, 9.37, -13.45
CIELCh	59, 16.388, 304.868
Yxy	26.8110, 0.2958, 0.2856
Android (android.graphics.Color)	4287859109 (0xFF9389A5)
YUV	143.1820, 10.7563, 3.3484
Hunter-Lab	51.7793, 5.1176, -8.7649

Details

The XYZ color **27.7698, 26.8110, 39.3087** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.4890, 35.6857, 28.8966**, and the grayscale version is **26.1410, 27.5024, 29.9501**.

A 20% lighter version of the original color is **55.4191, 54.4117, 75.2918**, and **11.2127, 10.4954, 17.0576** is the 20% darker color. If you saturate the color by 10%, you get **23.7861, 21.5382, 38.5013**, and if you desaturate by 10%, it is **32.2892, 32.8938, 40.2450**.

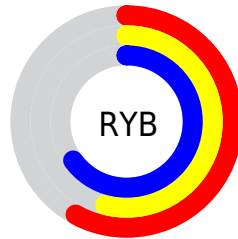
Distribution



Red (58%)

Green (54%)

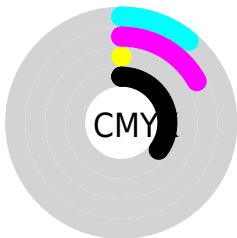
Blue (65%)



Red (58%)

Yellow (54%)

Blue (65%)

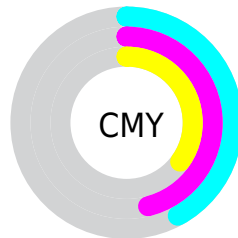


Cyan (11%)

Magenta (17%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7698, 26.8110, 39.3087 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 27.7698, 26.8110, 39.3087 by changing the saturation by 10% instead.

■ 27.7698, 26.8110,
39.3087

■ 27.7698, 26.8110,
39.3087

283.4654,
286.7409, 358.6662

■ 18.2918, 17.4313,
26.6903

■ 55.5279, 54.5804,
75.3352

■ 11.2606, 10.5425,
17.1104

■ 74.5387, 73.7390,
99.5804

■ 6.3110, 5.7601,
10.1504

■ 97.4578, 96.9260,
128.5382

■ 3.0775, 2.6998,
5.3919

124.6506,
124.5257, 162.6272

■ 1.1949, 0.9771,
2.4163

156.4824,
156.9227, 202.2660

■ 0.1023, 0.0000,
0.7953

193.3185,

■ 0.0000, 0.0000,

194.5013, 247.8731

0.0000

235.5244,
237.6459, 299.8670

■ 27.7698, 26.8110,
39.3087

■ 27.7698, 26.8110,
39.3087

■ 23.7861, 21.5382,
38.5013

■ 32.2892, 32.8938,
40.2450

■ 20.3148, 17.0373,
37.8155

■ 37.3617, 39.8162,
41.3138

■ 17.3343, 13.2717,
37.2458

■ 43.0068, 47.6100,
42.5206

■ 14.8203, 10.2008,
36.7855

■ 49.2423, 56.3046,
43.8702

■ 12.7465, 7.7797,
36.4275

■ 56.0852, 65.9280,
45.3671

■ 11.0834, 5.9582,
36.1636

■ 63.5517, 76.5069,
47.0155

■ 9.7975, 4.6782,
35.9843

■ 71.6576, 88.0670,
48.8196

■ 8.8412, 3.8538,
35.8756

■ 75.7864, 91.3698,
49.2395

■ 8.5906, 3.6441,
35.8483

■ 79.3320, 93.1977,
49.4054

Harmonies

Analogous

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



25.8143, 26.8110, 41.7448



27.7698, 26.8110, 39.3087



29.1655, 26.8110, 34.1788

Triad

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



27.7698, 26.8110, 39.3087



27.1693, 26.8110, 20.2318



21.8039, 26.8110, 30.1474

Complementary

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



27.7698, 26.8110, 39.3087



31.4890, 35.6857, 28.8966

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.



22.1244, 26.8110, 24.7166



27.7698, 26.8110, 39.3087



25.1547, 26.8110, 19.4485

Square

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



27.7698, 26.8110, 39.3087



28.8061, 26.8110, 23.2812



23.3254, 26.8110, 20.9806



22.4259, 26.8110, 36.0284

Rectangle

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



27.7698, 26.8110, 39.3087



29.5527, 26.8110, 30.1994



23.3254, 26.8110, 20.9806



21.8053, 26.8110, 28.2085

Sweetspot

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



27.7706, 26.8121, 39.3093



59.4551, 61.1197, 72.4160



28.8637, 31.5452, 40.1653



12.8711, 13.1895, 15.8050



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.



27.7706, 26.8121, 39.3093



47.2041, 44.6490, 69.8825



30.3957, 28.1654, 39.4321



6.9281, 6.9773, 8.8847



6.5491, 2.7827, 27.1217



0.1877, 0.0843, 0.5722

Inverse Universe

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



30.3800, 28.2584, 34.8649



52.7184, 47.7072, 60.4030



28.9900, 34.3974, 28.7797



7.2564, 7.1590, 8.3367



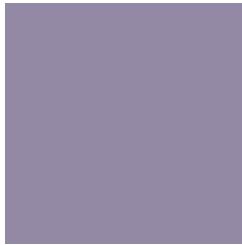
13.7344, 6.8498, 11.0580



0.3099, 0.1524, 0.3443

Previews

White Background



This preview shows how the XYZ color 27.7698, 26.8110, 39.3087 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 27.7698, 26.8110, 39.3087 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 27.7698, 26.8110, 39.3087

Background



This preview shows how black text looks on a background with the XYZ color 27.7698, 26.8110, 39.3087.



This preview shows how white text looks on a background with the XYZ color 27.7698, 26.8110,

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

27.7698, 26.8110, 39.3087

Protanopia

26.5065, 26.7804, 40.3313

Deuteranopia

27.3816, 26.8229, 39.3315



Tritanopia

26.6411, 27.0103, 33.0875

Trichromacy



Original Color

27.7698, 26.8110, 39.3087

Protanomaly

26.9308, 26.7939, 39.8287

Deuteranomaly

27.5571, 26.9133, 39.3397

Tritanomaly

27.0874, 26.9765, 35.2318

Monochromacy



Original Color

27.7698, 26.8110, 39.3087

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6124, 27.2134, 33.1282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7698, 26.8110, 39.3087 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(147, 137, 165)` looks like.

```
.text, #text, p{  
    color:rgb(147, 137, 165)  
}
```

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(147, 137, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 137, 165) }
```

Border

The CSS property to change the border of an element to XYZ 27.7698, 26.8110, 39.3087 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(147, 137, 165) }
```


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

```
.border{ border-color:rgb(147, 137, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 137, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 137, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 137, 165);  
box-shadow:4px 4px 4px 4px rgb(147, 137,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7698, 26.8110, 39.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 137, 165) }
```

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

```
.background{ background-color: rgb(147,  
137, 165) }
```

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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