

Converting Colors

XYZ(27.5587, 26.5079, 38.1986)

Have a look what the booklet for
XYZ(27.5587, 26.5079, 38.1986)
contains.

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Color

**XYZ(27.6278, 26.5486,
38.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	9488A3
RGB	148, 136, 163
RGB Percent	58%, 53%, 64%
CMY	0.4196, 0.4667, 0.3608
CMYK	0.09, 0.17, 0.00, 0.36
HSL	267°, 13%, 59%
HSV	267°, 17%, 64%
XYZ	27.6278, 26.5486, 38.3186
YIQ	142.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

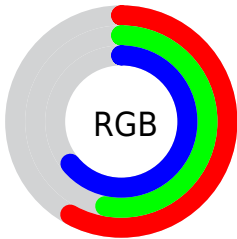
Format	Color
R_{YB}	148, 136, 163
Decimal	9734307
CIE _{Lab}	58.55, 9.86, -12.66
CIE _{LCh}	59, 16.047, 307.902
Yxy	26.5486, 0.2987, 0.2870
Android (android.graphics.Color)	4287924387 (0xFF9488A3)
YUV	142.6660, 10.0247, 4.6779
Hunter-Lab	51.5253, 5.5421, -8.0253

Details

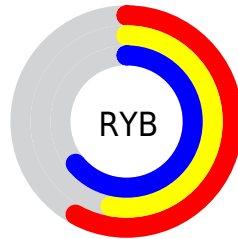
The XYZ color **27.6278, 26.5486, 38.3186** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.3046, 34.5520, 28.3658**, and the grayscale version is **25.9379, 27.2886, 29.7173**.

A 20% lighter version of the original color is **55.2096, 54.0137, 73.8455**, and **11.1268, 10.3447, 16.4492** is the 20% darker color. If you saturate the color by 10%, you get **23.9301, 21.4904, 37.5376**, and if you desaturate by 10%, it is **31.8044, 32.3734, 39.2232**.

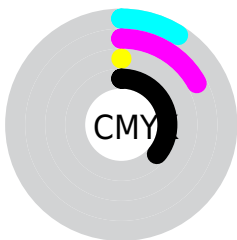
Distribution



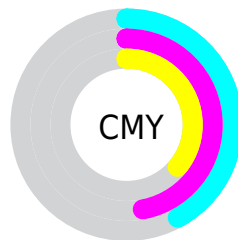
- Red (58%)
- Green (53%)
- Blue (64%)



- Red (58%)
- Yellow (53%)
- Blue (64%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6278, 26.5486, 38.3186 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 27.6278, 26.5486, 38.3186 by changing the saturation by 10% instead.

■ 27.6278, 26.5486,
38.3186

■ 27.6278, 26.5486,
38.3186

282.7965,
285.4648, 354.3238

■ 18.1843, 17.2345,
25.9263

■ 55.3025, 54.1587,
73.8050

■ 11.1829, 10.4018,
16.5432

■ 74.2643, 73.2234,
97.7363

■ 6.2582, 5.6662,
9.7509

■ 97.1297, 96.3072,
126.3509

■ 3.0448, 2.6432,
5.1307

124.2639,
123.7943, 160.0674

■ 1.1775, 0.9484,
2.2640

156.0324,
156.0693, 199.3045

■ 0.0885, 0.0000,
0.7110

192.8004,

■ 0.0000, 0.0000,

193.5164, 244.4805

0.0000

234.9333,
236.5201, 296.0141

■ 27.6278, 26.5486,
38.3186

■ 27.6278, 26.5486,
38.3186

■ 23.9301, 21.4904,
37.5376

■ 31.8044, 32.3734,
39.2232

■ 20.6903, 17.1624,
36.8729

■ 36.4750, 38.9924,
40.2546

■ 17.8893, 13.5304,
36.3195

■ 41.6571, 46.4357,
41.4182

■ 15.5054, 10.5560,
35.8710

■ 47.3665, 54.7311,
42.7184

■ 13.5152, 8.1969,
35.5206

■ 53.6182, 63.9049,
44.1597

■ 11.8924, 6.4056,
35.2604

■ 60.4267, 73.9823,
45.7459

■ 10.6069, 5.1275,
35.0814

■ 67.8060, 84.9875,
47.4812

■ 9.6168, 4.2842,
34.9708

■ 72.0227, 89.4504,
48.1204

■ 9.3163, 4.0391,
34.9394

■ 74.8459, 90.9058,
48.2525

Harmonies

Analogous

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



25.7569, 26.5486, 41.0109



27.6278, 26.5486, 38.3186



28.9007, 26.5486, 33.1740

Triad

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



27.6278, 26.5486, 38.3186



26.6826, 26.5486, 19.9916



21.6715, 26.5486, 30.4209

Complementary

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



27.6278, 26.5486, 38.3186



30.3046, 34.5520, 28.3658

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.



21.8907, 26.5486, 25.0224



27.6278, 26.5486, 38.3186



24.7175, 26.5486, 19.4549

Square

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



27.6278, 26.5486, 38.3186



28.3355, 26.5486, 22.7533



22.9820, 26.5486, 21.1782



22.3668, 26.5486, 36.0806

Rectangle

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



27.6278, 26.5486, 38.3186



29.2029, 26.5486, 29.3051



22.9820, 26.5486, 21.1782



21.6414, 26.5486, 28.5123

Sweetspot

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



27.6286, 26.5497, 38.3192



58.1319, 59.6296, 70.5019



27.8801, 30.1095, 38.9930



12.9357, 13.2228, 15.8080



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.



27.6286, 26.5497, 38.3192



46.8587, 43.9391, 68.0675



30.1541, 27.8517, 38.4374



6.9853, 7.0068, 8.8873



7.2912, 3.1652, 27.1564



0.2073, 0.0944, 0.5731

Inverse Universe

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



29.4952, 27.6304, 33.0580



50.9057, 46.2833, 56.6079



27.9903, 33.3589, 28.2575



7.2307, 7.1488, 8.2015



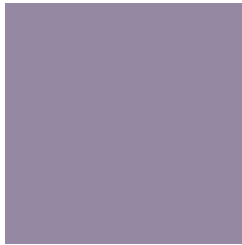
13.2148, 6.6420, 8.3219



0.3010, 0.1489, 0.2977

Previews

White Background



This preview shows how the XYZ color 27.6278, 26.5486, 38.3186 looks on a white background.

Color Contrast Check

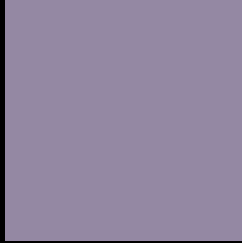
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6278, 26.5486, 38.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

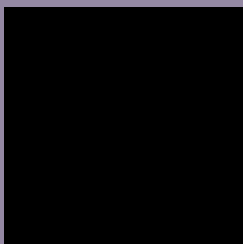
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6278, 26.5486, 38.3186

Background



This preview shows how black text looks on a background with the XYZ color 27.6278, 26.5486, 38.3186.



This preview shows how white text looks on a background with the XYZ color 27.6278, 26.5486,

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

27.6278, 26.5486, 38.3186

Protanopia

26.3230, 26.7070, 39.3649

Deuteranopia

27.0581, 26.4650, 38.3325



Tritanopia

26.3674, 26.4579, 32.1509

Trichromacy



Original Color

27.6278, 26.5486, 38.3186

Protanomaly

26.7487, 26.7210, 38.8698

Deuteranomaly

27.2336, 26.5554, 38.3407

Tritanomaly

26.8110, 26.4275, 34.2598

Monochromacy



Original Color

27.6278, 26.5486, 38.3186

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5602, 26.9779, 32.6615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6278, 26.5486, 38.3186 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(148, 136, 163)` looks like.

```
.text, #text, p{  
    color:rgb(148, 136, 163)  
}
```

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(148, 136, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 136, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.6278, 26.5486, 38.3186 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(148, 136, 163) }
```


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

```
.border{ border-color:rgb(148, 136, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 136, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 136, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 136, 163);  
box-shadow:4px 4px 4px 4px rgb(148, 136,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6278, 26.5486, 38.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 136, 163) }
```

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

```
.background{ background-color: rgb(148,  
136, 163) }
```

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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