

Converting Colors

XYZ(27.6681, 26.9348, 43.2127)

Have a look what the booklet for
XYZ(27.6681, 26.9348, 43.2127)
contains.

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Color

**XYZ(27.6158, 26.8568,
43.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8AAD
RGB	141, 138, 173
RGB Percent	55%, 54%, 68%
CMY	0.4471, 0.4588, 0.3216
CMYK	0.18, 0.20, 0.00, 0.32
HSL	245°, 18%, 61%
HSV	245°, 20%, 68%
XYZ	27.6158, 26.8568, 43.2635
YIQ	142.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

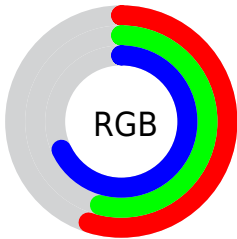
Format	Color
RYB	141, 138, 173
Decimal	9276077
CIELab	58.84, 8.57, -18.00
CIElCh	59, 19.933, 295.467
Yxy	26.8568, 0.2826, 0.2748
Android (android.graphics.Color)	4287466157 (0xFF8D8AAD)
YUV	142.8870, 14.8457, -1.6549
Hunter-Lab	51.8235, 4.4281, -13.2202

Details

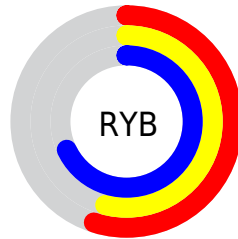
The XYZ color **27.6158, 26.8568, 43.2635** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.1094, 40.2688, 29.9154**, and the grayscale version is **26.0094, 27.3639, 29.7993**.

A 20% lighter version of the original color is **55.2793, 54.5208, 81.7388**, and **11.1574, 10.5336, 19.5343** is the 20% darker color. If you saturate the color by 10%, you get **22.8286, 20.9937, 42.3846**, and if you desaturate by 10%, it is **33.1842, 33.7109, 44.2934**.

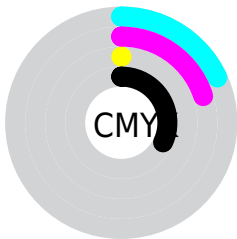
Distribution



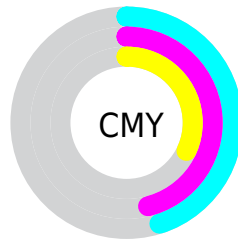
- Red (55%)
- Green (54%)
- Blue (68%)



- Red (55%)
- Yellow (54%)
- Blue (68%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (45%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6158, 26.8568, 43.2635 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 27.6158, 26.8568, 43.2635 by changing the saturation by 10% instead.

■ 27.6158, 26.8568,
43.2635

■ 27.6158, 26.8568,
43.2635

282.7400,
286.9631, 375.6473

■ 18.1752, 17.4657,
29.7590

■ 55.2834, 54.6540,
81.3990

■ 11.1763, 10.5671,
19.4052

■ 74.2411, 73.8289,
106.8670

■ 6.2537, 5.7765,
11.7837

■ 97.1020, 97.0338,
137.1599

■ 3.0421, 2.7097,
6.4758

124.2312,
124.6532, 172.6963

■ 1.1761, 0.9821,
3.0631

155.9943,
157.0714, 213.8947

■ 0.0873, 0.0000,
1.1269

192.7566,

■ 0.0000, 0.0000,

194.6729, 261.1737

0.0000

234.8833,
237.8420, 314.9517

■ 27.6158, 26.8568,
43.2635

■ 27.6158, 26.8568,
43.2635

■ 22.8286, 20.9937,
42.3846

■ 33.1842, 33.7109,
44.2934

■ 18.7852, 16.0725,
41.6478

■ 39.5640, 41.5953,
45.4790

■ 15.4488, 12.0451,
41.0463

■ 46.7868, 50.5515,
46.8271

■ 12.7788, 8.8575,
40.5717

■ 54.8818, 60.6174,
48.3433

■ 10.7300, 6.4503,
40.2151

■ 63.8768, 71.8293,
50.0334

■ 9.2517, 4.7559,
39.9659

■ 73.7983, 84.2218,
51.9024

■ 8.2854, 3.6953,
39.8121

■ 83.3487, 95.1815,
53.5145

■ 7.7370, 3.1172,
39.7295

■ 84.5429, 95.7972,
53.5704

Harmonies

Analogous

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



25.1544, 26.8568, 44.9393



27.6158, 26.8568, 43.2635



29.6266, 26.8568, 37.6173

Triad

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



27.6158, 26.8568, 43.2635



28.3041, 26.8568, 19.4389



21.0940, 26.8568, 28.1844

Complementary

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



27.6158, 26.8568, 43.2635



36.1094, 40.2688, 29.9154

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.



21.8235, 26.8568, 22.2132



27.6158, 26.8568, 43.2635



25.9024, 26.8568, 17.7065

Square

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



27.6158, 26.8568, 43.2635



30.0415, 26.8568, 23.7938



23.5455, 26.8568, 18.6343



21.4883, 26.8568, 35.4653

Rectangle

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



27.6158, 26.8568, 43.2635



30.3866, 26.8568, 32.7768



23.5455, 26.8568, 18.6343



21.2145, 26.8568, 25.9718

Sweetspot

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



27.6166, 26.8579, 43.2641



63.9645, 65.9707, 80.1681



32.4152, 37.2018, 45.0078



13.7489, 14.1491, 17.3941



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.6166, 26.8579, 43.2641



45.7006, 43.4897, 76.7914



30.8148, 28.5066, 43.4138



7.6402, 7.7888, 10.0534



5.7057, 2.3013, 29.1880



0.1788, 0.0744, 0.8129

Inverse Universe

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



33.5786, 29.9645, 42.0452



58.2314, 50.0211, 74.1472



32.5902, 38.4546, 29.7507



8.3070, 8.1361, 9.9276



17.2162, 8.3490, 24.5819



0.4874, 0.2357, 0.7285

Previews

White Background



This preview shows how the XYZ color 27.6158, 26.8568, 43.2635 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 27.6158, 26.8568, 43.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

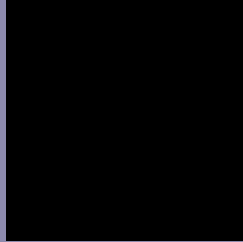
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6158, 26.8568, 43.2635

Background



This preview shows how black text looks on a background with the XYZ color 27.6158, 26.8568, 43.2635.



This preview shows how white text looks on a background with the XYZ color 27.6158, 26.8568,

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

27.6158, 26.8568, 43.2635

Protanopia

26.8496, 26.8805, 43.8177

Deuteranopia

27.2788, 26.6831, 43.2478



Tritanopia

25.7393, 26.9643, 33.9850

Trichromacy



Original Color

27.6158, 26.8568, 43.2635

Protanomaly

27.1891, 26.8396, 43.7919

Deuteranomaly

27.4465, 26.7695, 43.2556

Tritanomaly

26.3513, 26.9911, 37.0786

Monochromacy



Original Color

27.6158, 26.8568, 43.2635

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5129, 27.1336, 34.4118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6158, 26.8568, 43.2635 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(141, 138, 173)` looks like.

```
.text, #text, p{  
    color:rgb(141, 138, 173)  
}
```

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(141, 138, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 138, 173) }
```

Border

The CSS property to change the border of an element to XYZ 27.6158, 26.8568, 43.2635 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(141, 138, 173) }
```


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

```
.border{ border-color:rgb(141, 138, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 138, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 138, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 138, 173);  
box-shadow:4px 4px 4px 4px rgb(141, 138,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6158, 26.8568, 43.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 138, 173) }
```

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

```
.background{ background-color: rgb(141,  
138, 173) }
```

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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