

Converting Colors

XYZ(26.9673, 26.1733, 35.9457)

Have a look what the booklet for
XYZ(26.9673, 26.1733, 35.9457)
contains.

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Color

**XYZ(27.0083, 26.2800,
35.9968)**

Conversions

Conversions Part 1

Format	Color
Hex	93889E
RGB	147, 136, 158
RGB Percent	58%, 53%, 62%
CMY	0.4235, 0.4667, 0.3804
CMYK	0.07, 0.14, 0.00, 0.38
HSL	270°, 10%, 58%
HSV	270°, 14%, 62%
XYZ	27.0083, 26.2800, 35.9968
YIQ	141.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

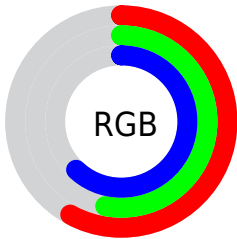
Format	Color
R_{YB}	147, 136, 158
Decimal	9668766
CIE _{Lab}	58.30, 8.45, -10.19
CIE _{LCh}	58, 13.235, 309.682
Yxy	26.2800, 0.3025, 0.2943
Android (android.graphics.Color)	4287858846 (0xFF93889E)
YUV	141.7970, 7.9881, 4.5630
Hunter-Lab	51.2640, 4.3302, -5.7477

Details

The XYZ color **27.0083, 26.2800, 35.9968** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.7045, 32.4351, 28.0416**, and the grayscale version is **25.6012, 26.9345, 29.3316**.

A 20% lighter version of the original color is **54.2952, 53.6168, 70.4382**, and **10.8055, 10.2039, 15.3100** is the 20% darker color. If you saturate the color by 10%, you get **23.5768, 21.4482, 35.2454**, and if you desaturate by 10%, it is **30.8668, 31.8203, 36.8632**.

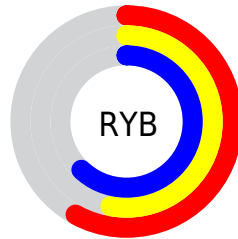
Distribution



Red (58%)

Green (53%)

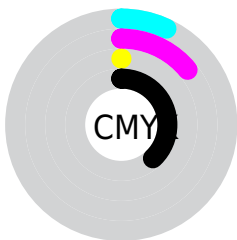
Blue (62%)



Red (58%)

Yellow (53%)

Blue (62%)

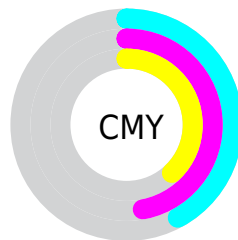


Cyan (7%)

Magenta (14%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0083, 26.2800, 35.9968 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 27.0083, 26.2800, 35.9968 by changing the saturation by 10% instead.

■ 27.0083, 26.2800,
35.9968

■ 27.0083, 26.2800,
35.9968

279.8641,
284.1539, 343.9835

■ 17.7161, 17.0332,
24.1421

■ 54.3170, 53.7263,
70.1961

■ 10.8448, 10.2582,
15.2259

■ 73.0641, 72.6946,
93.3778

■ 6.0291, 5.5705,
8.8297

■ 95.6937, 95.6723,
121.1721

■ 2.9036, 2.5857,
4.5350

122.5709,
123.0436, 153.9977

■ 1.1030, 0.9195,
1.9232

154.0612,
155.1930, 192.2731

■ 0.0276, 0.0000,
0.5074

190.5300,

■ 0.0000, 0.0000,

192.5050, 236.4169

0.0000

232.3425,
235.3638, 286.8475

■ 27.0083, 26.2800,
35.9968

■ 27.0083, 26.2800,
35.9968

■ 23.5768, 21.4482,
35.2454

■ 30.8668, 31.8203,
36.8632

■ 20.5536, 17.2919,
34.6025

■ 35.1651, 38.0936,
37.8475

■ 17.9222, 13.7805,
34.0635

■ 39.9187, 45.1272,
38.9546

■ 15.6638, 10.8797,
33.6226

■ 45.1412, 52.9461,
40.1886

■ 13.7581, 8.5519,
33.2737

■ 50.8459, 61.5742,
41.5533

■ 12.1825, 6.7549,
33.0099

■ 57.0454, 71.0341,
43.0525

■ 10.9111, 5.4409,
32.8233

■ 63.7520, 81.3479,
44.6898

■ 9.9135, 4.5524,
32.7043

■ 68.5694, 87.7209,
45.6660

■ 9.3953, 4.1305,
32.6502

■ 70.8779, 88.9110,
45.7740

Harmonies

Analogous

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



25.5028, 26.2800, 38.2773



27.0083, 26.2800, 35.9968



27.9963, 26.2800, 31.8057

Triad

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



27.0083, 26.2800, 35.9968



26.0691, 26.2800, 21.0774



22.0484, 26.2800, 30.1321

Complementary

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



27.0083, 26.2800, 35.9968



28.7045, 32.4351, 28.0416

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.



22.1854, 26.2800, 25.6442



27.0083, 26.2800, 35.9968



24.4612, 26.2800, 20.7322

Square

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



27.0083, 26.2800, 35.9968



27.4381, 26.2800, 23.3169



23.0528, 26.2800, 22.3174



22.6701, 26.2800, 34.6591

Rectangle

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



27.0083, 26.2800, 35.9968



28.2047, 26.2800, 28.6637



23.0528, 26.2800, 22.3174



22.0079, 26.2800, 28.5653

Sweetspot

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



27.0091, 26.2811, 35.9974



55.9380, 57.6180, 66.9166



26.8167, 28.6855, 36.4716



12.4914, 12.8166, 15.0591



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.



27.0091, 26.2811, 35.9974



46.8371, 44.5917, 64.8819



29.0050, 27.3100, 36.0908



6.5848, 6.5900, 8.3316



7.5701, 3.3316, 26.1513



0.1841, 0.0847, 0.4699

Inverse Universe

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



28.1721, 26.9852, 31.3290



49.4369, 46.1656, 54.4467



26.8848, 31.4970, 27.9564



6.7644, 6.6987, 7.6107



12.4436, 6.2820, 6.5869



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 27.0083, 26.2800, 35.9968 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 27.0083, 26.2800, 35.9968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

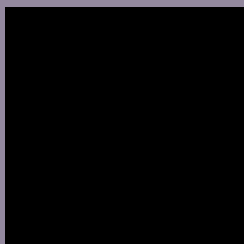
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0083, 26.2800, 35.9968

Background



This preview shows how black text looks on a background with the XYZ color 27.0083, 26.2800, 35.9968.



This preview shows how white text looks on a background with the XYZ color 27.0083, 26.2800,

35.9968.

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

27.0083, 26.2800, 35.9968

Protanopia

25.8943, 26.3217, 36.9735

Deuteranopia

26.9713, 26.4709, 36.0356



Tritanopia

26.1108, 26.3348, 31.7239

Trichromacy



Original Color

27.0083, 26.2800, 35.9968

Protanomaly

26.3310, 26.3429, 36.4978

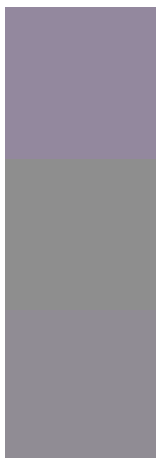
Deuteranomaly

26.9713, 26.4709, 36.0356

Tritanomaly

26.4672, 26.2693, 33.3813

Monochromacy



Original Color

27.0083, 26.2800, 35.9968

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2250, 26.8236, 31.8122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0083, 26.2800, 35.9968 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, 136, 158)` looks like.

```
.text, #text, p{  
    color:rgb(147, 136, 158)  
}
```

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, 136, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 136, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.0083, 26.2800, 35.9968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

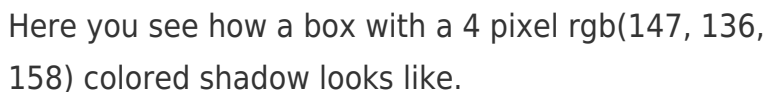
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 136, 158) }
```


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

```
.border{ border-color:rgb(147, 136, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 136, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 136, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 136, 158); box-shadow:4px 4px 4px 4px rgb(147, 136, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0083, 26.2800, 35.9968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 136, 158) }
```

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

```
.background{ background-color: rgb(147,  
136, 158) }
```

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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