

Converting Colors

XYZ(27.5040, 26.5844, 33.8202)

Have a look what the booklet for
XYZ(27.5040, 26.5844, 33.8202)
contains.

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Color

**XYZ(27.5028, 26.5836,
33.8186)**

Conversions

Conversions Part 1

Format	Color
Hex	988899
RGB	152, 136, 153
RGB Percent	60%, 53%, 60%
CMY	0.4039, 0.4667, 0.4000
CMYK	0.01, 0.11, 0.00, 0.40
HSL	296°, 8%, 57%
HSV	296°, 11%, 60%
XYZ	27.5028, 26.5836, 33.8186
YIQ	142.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

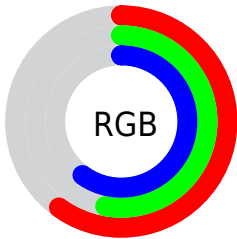
Format	Color
R_{YB}	152, 136, 153
Decimal	9996441
CIE Lab	58.59, 9.22, -6.85
CIE LCh	59, 11.481, 323.393
Yxy	26.5836, 0.3129, 0.3024
Android (android.graphics.Color)	4288186521 (0xFF988899)
YUV	142.7220, 5.0671, 8.1368
Hunter-Lab	51.5593, 4.9869, -2.7978

Details

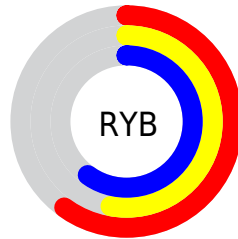
The XYZ color **27.5028, 26.5836, 33.8186** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1527, 29.8791, 27.6827**, and the grayscale version is **25.9776, 27.3304, 29.7628**.

A 20% lighter version of the original color is **54.9137, 54.0220, 66.5645**, and **11.0929, 10.3816, 13.9896** is the 20% darker color. If you saturate the color by 10%, you get **25.3325, 22.4917, 33.1436**, and if you desaturate by 10%, it is **29.9836, 31.2937, 34.5974**.

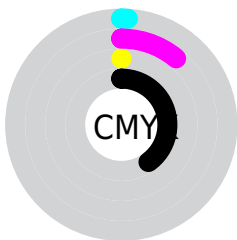
Distribution



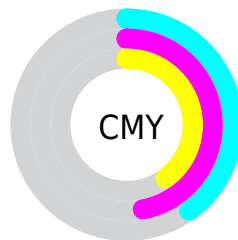
- Red (60%)
- Green (53%)
- Blue (60%)



- Red (60%)
- Yellow (53%)
- Blue (60%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5028, 26.5836, 33.8186 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 27.5028, 26.5836, 33.8186 by changing the saturation by 10% instead.

■ 27.5028, 26.5836,
33.8186

■ 27.5028, 26.5836,
33.8186

282.2068,
285.6353, 334.0669

■ 18.0897, 17.2607,
22.4780

■ 55.1039, 54.2150,
66.7821

■ 11.1145, 10.4206,
14.0069

■ 74.0226, 73.2922,
89.2422

■ 6.2118, 5.6787,
7.9867

■ 96.8406, 96.3898,
116.2459

■ 3.0162, 2.6507,
3.9988

123.9231,
123.8920, 148.2117

■ 1.1623, 0.9522,
1.6247

155.6357,
156.1832, 185.5581

■ 0.0763, 0.0000,
0.3083

192.3436,

■ 0.0000, 0.0000,

193.6480, 228.7038

0.0000

234.4122,
236.6705, 278.0672

■ 27.5028, 26.5836,
33.8186

■ 27.5028, 26.5836,
33.8186

■ 25.3325, 22.4917,
33.1436

■ 29.9836, 31.2937,
34.5974

■ 23.4573, 18.9885,
32.5662

■ 32.7847, 36.6429,
35.4823

■ 21.8641, 16.0476,
32.0825

■ 35.9184, 42.6555,
36.4776

■ 20.5379, 13.6387,
31.6875

■ 39.3957, 49.3533,
37.5872

■ 19.4623, 11.7292,
31.3756

■ 43.2271, 56.7574,
38.8144

■ 18.6192, 10.2826,
31.1408

■ 47.4225, 64.8876,
40.1625

■ 17.9876, 9.2575,
30.9762

■ 51.9916, 73.7633,
41.6349

■ 17.5434, 8.6050,
30.8737

■ 55.8480, 81.2115,
42.8693

■ 17.2514, 8.2292,
30.8165

■ 56.0275, 81.3041,
42.8777

Harmonies

Analogous

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



26.3570, 26.5836, 36.6593



27.5028, 26.5836, 33.8186



28.0524, 26.5836, 29.8463

Triad

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



27.5028, 26.5836, 33.8186



25.5797, 26.5836, 21.9067



22.8630, 26.5836, 32.1334

Complementary

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



27.5028, 26.5836, 33.8186



26.1527, 29.8791, 27.6827

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.



22.6722, 26.5836, 28.0621



27.5028, 26.5836, 33.8186



24.2073, 26.5836, 22.3968

Square

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



27.5028, 26.5836, 33.8186



26.9158, 26.5836, 23.1571



23.1556, 26.5836, 24.5637



23.6868, 26.5836, 35.6250

Rectangle

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



27.5028, 26.5836, 33.8186



27.9928, 26.5836, 27.1862



23.1556, 26.5836, 24.5637



22.7240, 26.5836, 30.7781

Sweetspot

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



27.5036, 26.5847, 33.8192



52.7860, 54.3097, 61.6727



24.8689, 25.4647, 33.7418



11.5778, 11.8440, 13.5934



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.5036, 26.5847, 33.8192



48.3743, 45.9440, 60.2905



27.1017, 26.4457, 30.7218



6.4253, 6.3051, 7.8073



14.2676, 6.8063, 25.4695



0.2227, 0.1066, 0.3812

Inverse Universe

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



26.4573, 26.1880, 27.3286



46.1736, 45.1101, 46.6069



26.5312, 30.0117, 30.5279



6.2228, 6.2283, 6.5534



10.9026, 5.6153, 0.7462



0.1664, 0.0853, 0.0292

Previews

White Background



This preview shows how the XYZ color 27.5028, 26.5836, 33.8186 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 27.5028, 26.5836, 33.8186 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 27.5028, 26.5836, 33.8186

Background



This preview shows how black text looks on a background with the XYZ color 27.5028, 26.5836, 33.8186.



This preview shows how white text looks on a background with the XYZ color 27.5028, 26.5836,

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

27.5028, 26.5836, 33.8186

Protanopia

25.9419, 26.6117, 34.7796

Deuteranopia

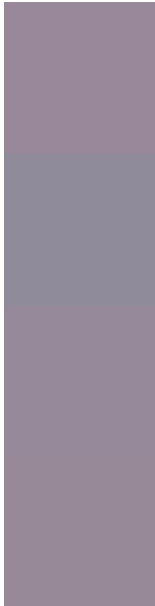
27.0899, 26.5808, 33.8398



Tritanopia

27.0535, 26.6087, 31.7271

Trichromacy



Original Color

27.5028, 26.5836, 33.8186

Protanomaly

26.5670, 26.7276, 34.3306

Deuteranomaly

27.2731, 26.6753, 33.8484

Tritanomaly

27.2132, 26.6726, 32.5682

Monochromacy



Original Color

27.5028, 26.5836, 33.8186

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4986, 26.9737, 31.4136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5028, 26.5836, 33.8186 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(152, 136, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 136, 153)  
}
```

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(152, 136, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 136, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.5028, 26.5836, 33.8186 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(152, 136, 153) }
```


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

```
.border{ border-color:rgb(152, 136, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 136, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 136, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 136, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 136,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5028, 26.5836, 33.8186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 136, 153) }
```

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

```
.background{ background-color: rgb(152,  
136, 153) }
```

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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