

Converting Colors

XYZ(27.6576, 25.8356, 34.3700)

Have a look what the booklet for
XYZ(27.6576, 25.8356, 34.3700)
contains.

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Color

**XYZ(27.6852, 25.8376,
34.5383)**

Conversions

Conversions Part 1

Format	Color
Hex	9B849B
RGB	155, 132, 155
RGB Percent	61%, 52%, 61%
CMY	0.3922, 0.4823, 0.3922
CMYK	0.00, 0.15, 0.00, 0.39
HSL	300°, 10%, 56%
HSV	300°, 15%, 61%
XYZ	27.6852, 25.8376, 34.5383
YIQ	141.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

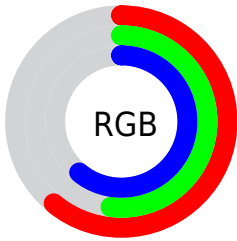
Format	Color
R_{YB}	155, 132, 155
Decimal	10192027
CIE _{Lab}	57.88, 12.98, -9.01
CIE _{LCh}	58, 15.805, 325.223
Yxy	25.8376, 0.3144, 0.2934
Android (android.graphics.Color)	4288382107 (0xFF9B849B)
YUV	141.4990, 6.6560, 11.8404
Hunter-Lab	50.8307, 8.2672, -4.7047

Details

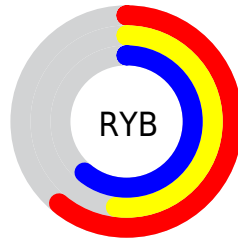
The XYZ color **27.6852, 25.8376, 34.5383** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4029, 30.0149, 26.2857**, and the grayscale version is **25.4869, 26.8142, 29.2007**.

A 20% lighter version of the original color is **55.4359, 53.0030, 67.6304**, and **11.2249, 9.9771, 14.4309** is the 20% darker color. If you saturate the color by 10%, you get **25.7378, 21.9424, 33.8894**, and if you desaturate by 10%, it is **29.9464, 30.3597, 35.2924**.

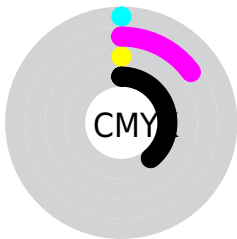
Distribution



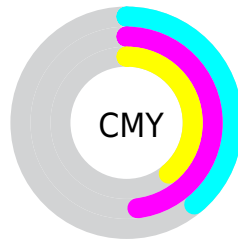
- Red (61%)
- Green (52%)
- Blue (61%)



- Red (61%)
- Yellow (52%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6852, 25.8376, 34.5383 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 27.6852, 25.8376, 34.5383 by changing the saturation by 10% instead.

■ 27.6852, 25.8376,
34.5383

■ 27.6852, 25.8376,
34.5383

283.0670,
281.9840, 337.3678

■ 18.2277, 16.7022,
23.0267

■ 55.3936, 53.0128,
67.9133

■ 11.2143, 10.0224,
14.4078

■ 74.3753, 71.8215,
90.6139

■ 6.2795, 5.4138,
8.2628

■ 97.2624, 94.6233,
117.8812

■ 3.0580, 2.4920,
4.1734

124.4203,
121.8027, 150.1338

■ 1.1845, 0.8727,
1.7210

156.2144,
153.7440, 187.7902

■ 0.0941, 0.0000,
0.3750

193.0099,

■ 0.0000, 0.0000,

190.8318, 231.2690

0.0000

235.1724,
233.4503, 280.9887

■ 27.6852, 25.8376,
34.5383

■ 27.6852, 25.8376,
34.5383

■ 25.7378, 21.9424,
33.8894

■ 29.9464, 30.3597,
35.2924

■ 24.0882, 18.6432,
33.3395

■ 32.5321, 35.5310,
36.1544

■ 22.7224, 15.9117,
32.8841

■ 35.4551, 41.3769,
37.1288

■ 21.6245, 13.7159,
32.5181

■ 38.7269, 47.9206,
38.2195

■ 20.7769, 12.0206,
32.2354

■ 42.3586, 55.1839,
39.4301

■ 20.1598, 10.7864,
32.0297

■ 46.3606, 63.1879,
40.7642

■ 19.7506, 9.9682,
31.8932

■ 50.7431, 71.9528,
42.2251

■ 19.5210, 9.5089,
31.8166

■ 55.1944, 80.8553,
43.7089

■ 19.4341, 9.3352,
31.7876

■ 55.1944, 80.8553,
43.7090

Harmonies

Analogous

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



26.1492, 25.8376, 38.7090



27.6852, 25.8376, 34.5383



28.3847, 25.8376, 29.0139

Triad

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



27.6852, 25.8376, 34.5383



24.8636, 25.8376, 18.9346



21.3964, 25.8376, 32.8352

Complementary

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



27.6852, 25.8376, 34.5383



25.4029, 30.0149, 26.2857

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.



21.0914, 25.8376, 27.2696



27.6852, 25.8376, 34.5383



23.0325, 25.8376, 19.6831

Square

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



27.6852, 25.8376, 34.5383



26.7030, 25.8376, 20.3784



21.6754, 25.8376, 22.5726



22.5308, 25.8376, 37.6401

Rectangle

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



27.6852, 25.8376, 34.5383



28.2576, 25.8376, 25.4718



21.6754, 25.8376, 22.5726



21.1960, 25.8376, 30.9728

Sweetspot

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



27.6860, 25.8387, 34.5389



53.9609, 55.0317, 63.3144



23.6845, 23.7759, 34.3517



12.1432, 12.3150, 14.3074



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.6860, 25.8387, 34.5389



48.2934, 43.6967, 61.4250



26.7656, 25.4706, 29.6922



6.4612, 6.3237, 7.8090



15.6094, 7.4980, 25.5316



0.2334, 0.1121, 0.3817

Inverse Universe

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



27.6860, 25.8387, 34.5389



48.2934, 43.6967, 61.4250



26.2339, 30.3473, 30.6615



6.4612, 6.3237, 7.8090



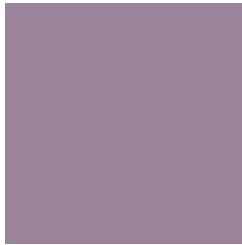
15.6094, 7.4980, 25.5316



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 27.6852, 25.8376, 34.5383 looks on a white background.

Color Contrast Check

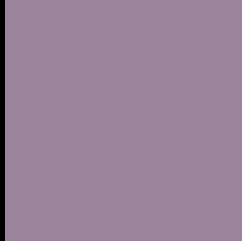
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6852, 25.8376, 34.5383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

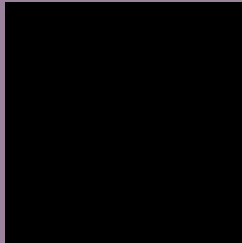
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6852, 25.8376, 34.5383

Background



This preview shows how black text looks on a background with the XYZ color 27.6852, 25.8376, 34.5383.



This preview shows how white text looks on a background with the XYZ color 27.6852, 25.8376,

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

27.6852, 25.8376, 34.5383

Protanopia

25.4998, 25.9144, 36.4589

Deuteranopia

26.3508, 25.7720, 34.1575



Tritanopia

26.6960, 25.8361, 29.9654

Trichromacy



Original Color

27.6852, 25.8376, 34.5383

Protanomaly

26.3034, 25.9166, 35.9638

Deuteranomaly

26.7523, 25.7728, 34.1365

Tritanomaly

27.0593, 25.7832, 31.5675

Monochromacy



Original Color

27.6852, 25.8376, 34.5383

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3876, 26.4866, 31.3254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6852, 25.8376, 34.5383 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(155, 132, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 132, 155)  
}
```

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(155, 132, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 132, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.6852, 25.8376, 34.5383 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(155, 132, 155) }
```


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

```
.border{ border-color:rgb(155, 132, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 132, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 132, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 132, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 132,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6852, 25.8376, 34.5383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 132, 155) }
```

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

```
.background{ background-color: rgb(155,  
132, 155) }
```

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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