

Converting Colors

XYZ(27.4672, 26.7622, 32.5211)

Have a look what the booklet for
XYZ(27.4672, 26.7622, 32.5211)
contains.

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Color

**XYZ(27.5876, 26.8656,
32.5857)**

Conversions

Conversions Part 1

Format	Color
Hex	998996
RGB	153, 137, 150
RGB Percent	60%, 54%, 59%
CMY	0.4000, 0.4627, 0.4118
CMYK	0.00, 0.10, 0.02, 0.40
HSL	311°, 7%, 57%
HSV	311°, 10%, 60%
XYZ	27.5876, 26.8656, 32.5857
YIQ	143.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

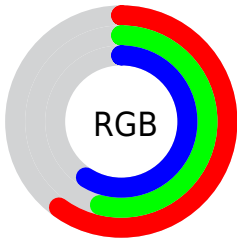
Format	Color
R_{YB}	153, 137, 150
Decimal	10062230
CIE _{Lab}	58.85, 8.42, -4.73
CIE _{LCh}	59, 9.659, 330.699
Yxy	26.8656, 0.3170, 0.3087
Android (android.graphics.Color)	4288252310 (0xFF998996)
YUV	143.2660, 3.3199, 8.5367
Hunter-Lab	51.8320, 4.3006, -0.9919

Details

The XYZ color **27.5876, 26.8656, 32.5857** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4425, 29.9952, 29.2084**, and the grayscale version is **26.2010, 27.5655, 30.0188**.

A 20% lighter version of the original color is **55.0447, 54.4519, 64.7359**, and **11.1398, 10.5420, 13.2521** is the 20% darker color. If you saturate the color by 10%, you get **25.3371, 22.7295, 30.7096**, and if you desaturate by 10%, it is **30.1538, 31.6232, 34.5956**.

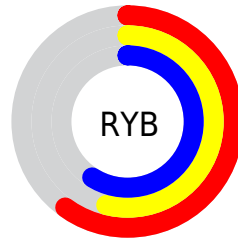
Distribution



Red (60%)

Green (54%)

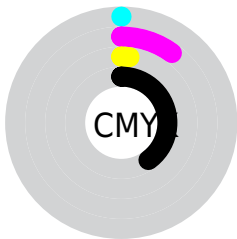
Blue (59%)



Red (60%)

Yellow (54%)

Blue (59%)

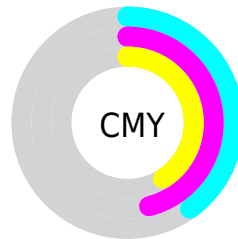


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5876, 26.8656, 32.5857 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 27.5876, 26.8656, 32.5857 by changing the saturation by 10% instead.

■ 27.5876, 26.8656,
32.5857

■ 27.5876, 26.8656,
32.5857

282.6070,
287.0058, 328.3533

■ 18.1539, 17.4723,
21.5407

■ 55.2386, 54.6681,
64.8367

■ 11.1609, 10.5718,
13.3248

■ 74.1866, 73.8461,
86.8798

■ 6.2432, 5.7797,
7.5192

■ 97.0368, 97.0545,
113.4261

■ 3.0356, 2.7116,
3.7055

124.1544,
124.6777, 144.8940

■ 1.1726, 0.9831,
1.4652

155.9049,
157.1000, 181.7022

■ 0.0846, 0.0000,
0.1918

192.6536,

■ 0.0000, 0.0000,

194.7058, 224.2691

0.0000

234.7658,
237.8797, 273.0133

■ 27.5876, 26.8656,
32.5857

■ 27.5876, 26.8656,
32.5857

■ 25.3371, 22.7295,
30.7096

■ 30.1538, 31.6232,
34.5956

■ 23.3869, 19.1854,
28.9610

■ 33.0455, 37.0231,
36.7418

■ 21.7240, 16.2070,
27.3358

■ 36.2750, 43.0894,
39.0289

■ 20.3334, 13.7643,
25.8286

■ 39.8533, 49.8441,
41.4607

■ 19.1987, 11.8248,
24.4338

■ 43.7908, 57.3079,
44.0410

■ 18.3019, 10.3522,
23.1453

■ 48.0976, 65.5009,
46.7733

■ 17.6224, 9.3054,
21.9559

■ 52.7833, 74.4423,
49.6610

■ 17.1360, 8.6364,
20.8574

■ 56.4359, 81.3080,
52.2335

■ 16.7945, 8.2354,
19.8744

■ 56.7166, 81.4202,
53.7114

Harmonies

Analogous

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



26.7238, 26.8656, 35.2710



27.5876, 26.8656, 32.5857



27.8975, 26.8656, 29.1720

Triad

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



27.5876, 26.8656, 32.5857



25.5070, 26.8656, 23.1637



23.6133, 26.8656, 32.7350

Complementary

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



27.5876, 26.8656, 32.5857



26.4425, 29.9952, 29.2084

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.



23.3097, 26.8656, 29.3323



27.5876, 26.8656, 32.5857



24.3819, 26.8656, 23.9600

Square

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



27.5876, 26.8656, 32.5857



26.6739, 26.8656, 23.8900



23.5867, 26.8656, 26.1539



24.4289, 26.8656, 35.3619

Rectangle

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



27.5876, 26.8656, 32.5857



27.7410, 26.8656, 26.9914



23.5867, 26.8656, 26.1539



23.4491, 26.8656, 31.6356

Sweetspot

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



27.5884, 26.8668, 32.5863



52.7496, 54.3059, 60.9955



25.5005, 25.7622, 33.7662



11.5677, 11.8430, 13.4065



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.



27.5884, 26.8668, 32.5863



48.2217, 45.9294, 57.3923



26.9710, 26.6198, 29.3351



6.4115, 6.3038, 7.5471



13.8915, 6.8108, 16.4856



0.2191, 0.1064, 0.3065

Inverse Universe

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



27.5884, 26.8668, 32.5863



48.2217, 45.9294, 57.3923



27.0487, 30.2377, 32.4010



6.4115, 6.3038, 7.5471



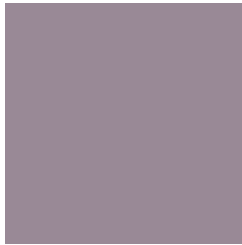
13.8915, 6.8108, 16.4856



0.2191, 0.1064, 0.3065

Previews

White Background



This preview shows how the XYZ color 27.5876, 26.8656, 32.5857 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 27.5876, 26.8656, 32.5857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

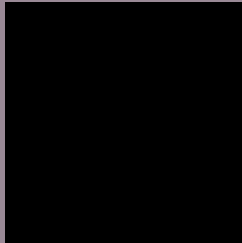
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5876, 26.8656, 32.5857

Background



This preview shows how black text looks on a background with the XYZ color 27.5876, 26.8656, 32.5857.



This preview shows how white text looks on a background with the XYZ color 27.5876, 26.8656,

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

27.5876, 26.8656, 32.5857

Protanopia

26.1769, 26.9795, 33.5337

Deuteranopia

27.3996, 26.7687, 32.5769



Tritanopia

27.4278, 26.8017, 31.7446

Trichromacy



Original Color

27.5876, 26.8656, 32.5857

Protanomaly

26.6411, 27.0103, 33.0875

Deuteranomaly

27.3996, 26.7687, 32.5769

Tritanomaly

27.5073, 26.8336, 32.1634

Monochromacy



Original Color

27.5876, 26.8656, 32.5857

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.7458, 27.3281, 31.0593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5876, 26.8656, 32.5857 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(153, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 150)  
}
```

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(153, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 150) }
```

Border

The CSS property to change the border of an element to XYZ 27.5876, 26.8656, 32.5857 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(153, 137, 150) }
```


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

```
.border{ border-color:rgb(153, 137, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 137, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5876, 26.8656, 32.5857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 150) }
```

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

```
.background{ background-color: rgb(153,  
137, 150) }
```

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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