

Converting Colors

XYZ(26.2873, 27.7479, 35.2235)

Have a look what the booklet for
XYZ(26.2873, 27.7479, 35.2235)
contains.

XYZ(26.2905, 27.6652, 35.4067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2905, 27.6652,
35.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	89909C
RGB	137, 144, 156
RGB Percent	54%, 56%, 61%
CMY	0.4627, 0.4353, 0.3882
CMYK	0.12, 0.08, 0.00, 0.39
HSL	218°, 9%, 57%
HSV	218°, 12%, 61%
XYZ	26.2905, 27.6652, 35.4067
YIQ	143.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

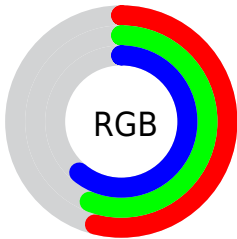
Format	Color
R_{YB}	137, 142, 156
Decimal	9015452
CIE Lab	59.59, -0.02, -7.21
CIE LCh	60, 7.213, 269.854
Yxy	27.6652, 0.2942, 0.3096
Android (android.graphics.Color)	4287205532 (0xFF89909C)
YUV	143.2750, 6.2734, -5.5032
Hunter-Lab	52.5977, -2.8244, -3.0933

Details

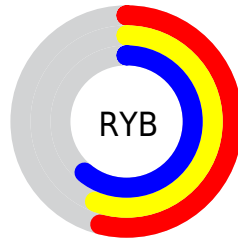
The XYZ color **26.2905, 27.6652, 35.4067** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9731, 30.3686, 28.0020**, and the grayscale version is **26.1969, 27.5612, 30.0142**.

A 20% lighter version of the original color is **53.0621, 55.9885, 68.9829**, and **10.4830, 11.0516, 14.9453** is the 20% darker color. If you saturate the color by 10%, you get **22.4885, 23.5868, 34.8203**, and if you desaturate by 10%, it is **30.5941, 32.1970, 36.0550**.

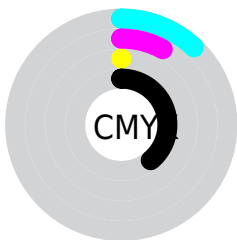
Distribution



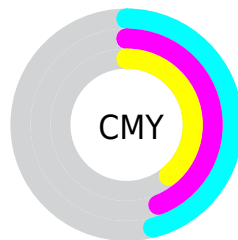
- Red (54%)
- Green (56%)
- Blue (61%)



- Red (54%)
- Yellow (56%)
- Blue (61%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2905, 27.6652, 35.4067 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 26.2905, 27.6652, 35.4067 by changing the saturation by 10% instead.

■ 26.2905, 27.6652,
35.4067

■ 26.2905, 27.6652,
35.4067

276.4358,
290.8636, 341.3185

■ 17.1749, 18.0734,
23.6903

■ 53.1712, 55.9495,
69.2740

■ 10.4554, 11.0027,
14.8940

■ 71.6670, 75.4108,
92.2620

■ 5.7665, 6.0687,
8.5992

■ 94.0203, 98.9307,
119.8443

■ 2.7429, 2.8869,
4.3875

120.5963,
126.8937, 152.4393

■ 1.0193, 1.0730,
1.8402

151.7606,
159.6840, 190.4658

■ 0.0000, 0.0000,
0.4543

187.8783,

■ 0.0000, 0.0000,

197.6862, 234.3421

0.0000

229.3150,
241.2846, 284.4868

■ 26.2905, 27.6652,
35.4067

■ 26.2905, 27.6652,
35.4067

■ 22.4885, 23.5868,
34.8203

■ 30.5941, 32.1970,
36.0550

■ 19.1666, 19.9435,
34.2922

■ 35.4149, 37.1927,
36.7652

■ 16.3052, 16.7208,
33.8209

■ 40.7708, 42.6668,
37.5395

■ 13.8823, 13.9021,
33.4046

■ 46.6781, 48.6322,
38.3796

■ 11.8742, 11.4696,
33.0409

■ 53.1524, 55.1012,
39.2870

■ 10.2545, 9.4038,
32.7275

■ 60.2087, 62.0857,
40.2633

■ 8.9937, 7.6832,
32.4619

■ 67.8614, 69.5971,
41.3098

■ 8.0569, 6.2833,
32.2410

■ 73.5775, 76.3336,
42.3088

■ 7.4885, 5.3757,
32.0958

■ 76.2835, 81.7456,
43.2108

Harmonies

Analogous

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



25.4275, 27.6652, 34.6586



26.2905, 27.6652, 35.4067



27.1740, 27.6652, 34.6725

Triad

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



26.2905, 27.6652, 35.4067



27.8390, 27.6652, 27.7007



24.8133, 27.6652, 27.6799

Complementary

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



26.2905, 27.6652, 35.4067



28.9731, 30.3686, 28.0020

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.



25.4351, 27.6652, 25.9894



26.2905, 27.6652, 35.4067



27.1819, 27.6652, 26.0009

Square

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



26.2905, 27.6652, 35.4067



28.0805, 27.6652, 30.1354



26.2994, 27.6652, 25.3924



24.5868, 27.6652, 30.1100

Rectangle

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



26.2905, 27.6652, 35.4067



27.6528, 27.6652, 33.4641



26.2994, 27.6652, 25.3924



24.9823, 27.6652, 27.0114

Sweetspot

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



26.2913, 27.6664, 35.4073



54.0108, 56.8506, 65.2533



27.6076, 31.2566, 32.8938



11.7584, 12.3772, 14.3397



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.



26.2913, 27.6664, 35.4073



45.5029, 47.8527, 63.9650



25.6305, 25.7997, 35.0818



6.4750, 6.8157, 8.3810



6.1990, 4.4896, 26.4471



0.1496, 0.1578, 0.4858

Inverse Universe

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



27.6906, 26.9734, 30.1339



48.6452, 46.3673, 52.1066



29.6894, 32.4323, 28.3626



6.7291, 6.6846, 7.4245



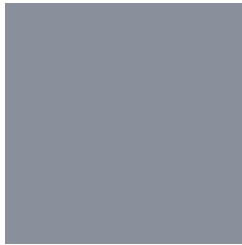
11.9272, 6.0754, 3.8676



0.2328, 0.1165, 0.1721

Previews

White Background



This preview shows how the XYZ color 26.2905, 27.6652, 35.4067 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 26.2905, 27.6652, 35.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

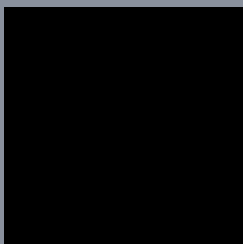
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

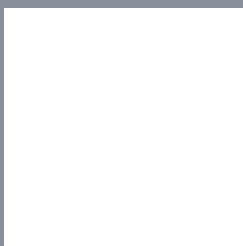
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2905, 27.6652, 35.4067

Background



This preview shows how black text looks on a background with the XYZ color 26.2905, 27.6652, 35.4067.



This preview shows how white text looks on a background with the XYZ color 26.2905, 27.6652,

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

26.2905, 27.6652, 35.4067

Protanopia

26.9171, 27.5522, 34.9098

Deuteranopia

28.0809, 27.4789, 35.7222



Tritanopia

26.2905, 27.6652, 35.4067

Trichromacy



Original Color

26.2905, 27.6652, 35.4067

Protanomaly

26.7234, 27.6742, 34.9435

Deuteranomaly

27.4647, 27.5951, 35.7771

Tritanomaly

26.2905, 27.6652, 35.4067

Monochromacy



Original Color

26.2905, 27.6652, 35.4067

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1523, 27.4458, 31.9362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2905, 27.6652, 35.4067 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(137, 144, 156)` looks like.

```
.text, #text, p{  
    color:rgb(137, 144, 156)  
}
```

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(137, 144, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 144, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.2905, 27.6652, 35.4067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

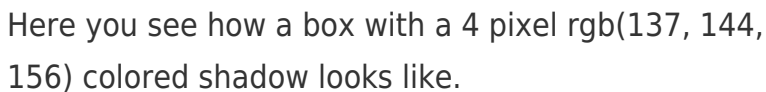
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 144, 156) }
```


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

```
.border{ border-color:rgb(137, 144, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 144, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 144, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 144, 156);  
box-shadow:4px 4px 4px 4px rgb(137, 144,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2905, 27.6652, 35.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 144, 156) }
```

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

```
.background{ background-color: rgb(137,  
144, 156) }
```

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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