

Converting Colors

XYZ(26.5255, 26.6344, 34.3894)

Have a look what the booklet for
XYZ(26.5255, 26.6344, 34.3894)
contains.

XYZ(26.5670, 26.7276, 34.3306)	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(26.5670, 26.7276,
34.3306)**

Conversions

Conversions Part 1

Format	Color
Hex	908B9A
RGB	144, 139, 154
RGB Percent	56%, 55%, 60%
CMY	0.4353, 0.4549, 0.3961
CMYK	0.06, 0.10, 0.00, 0.40
HSL	260°, 7%, 57%
HSV	260°, 10%, 60%
XYZ	26.5670, 26.7276, 34.3306
YIQ	142.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

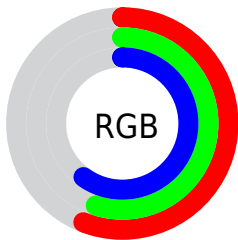
Format	Color
RYB	144, 139, 154
Decimal	9472922
CIELab	58.72, 4.84, -7.29
CIELCh	59, 8.756, 303.578
Yxy	26.7276, 0.3032, 0.3050
Android (android.graphics.Color)	4287663002 (0xFF908B9A)
YUV	142.2050, 5.8149, 1.5742
Hunter-Lab	51.6987, 1.2550, -3.1825

Details

The XYZ color **26.5670, 26.7276, 34.3306** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6111, 31.3655, 28.9735**, and the grayscale version is **25.7712, 27.1133, 29.5264**.

A 20% lighter version of the original color is **53.5235, 54.2591, 67.3266**, and **10.6367, 10.5037, 14.2988** is the 20% darker color. If you saturate the color by 10%, you get **22.7800, 21.6957, 33.5593**, and if you desaturate by 10%, it is **30.8328, 32.4742, 35.2154**.

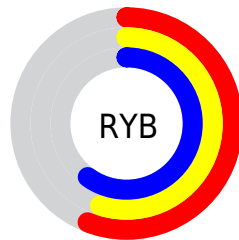
Distribution



Red (56%)

Green (55%)

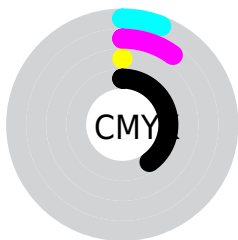
Blue (60%)



Red (56%)

Yellow (55%)

Blue (60%)

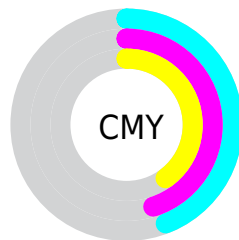


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (40%)



Cyan (44%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5670, 26.7276, 34.3306 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 26.5670, 26.7276, 34.3306 by changing the saturation by 10% instead.

■ 26.5670, 26.7276,
34.3306

■ 26.5670, 26.7276,
34.3306

277.7604,
286.3358, 336.4177

■ 17.3832, 17.3687,
22.8683

■ 53.6131, 54.4464,
67.5872

■ 10.6051, 10.4977,
14.2919

■ 72.2060, 73.5752,
90.2186

■ 5.8673, 5.7302,
8.1829

■ 94.6661, 96.7294,
117.4100

■ 2.8044, 2.6817,
4.1228

121.3586,
124.2935, 149.5801

■ 1.0512, 0.9679,
1.6929

152.6490,
156.6517, 187.1474

■ 0.0000, 0.0000,
0.3559

188.9025,

■ 0.0000, 0.0000,

194.1886, 230.5304

0.0000

230.4845,
237.2885, 280.1477

■ 26.5670, 26.7276,
34.3306

■ 26.5670, 26.7276,
34.3306

■ 22.7800, 21.6957,
33.5593

■ 30.8328, 32.4742,
35.2154

■ 19.4521, 17.3466,
32.8953

■ 35.5916, 38.9587,
36.2162

■ 16.5656, 13.6512,
32.3341

■ 40.8597, 46.2076,
37.3377

■ 14.1006, 10.5769,
31.8707

■ 46.6522, 54.2451,
38.5838

■ 12.0358, 8.0883,
31.4991

■ 52.9832, 63.0942,
39.9582

■ 10.3477, 6.1462,
31.2132

■ 59.8666, 72.7770,
41.4644

■ 9.0102, 4.7064,
31.0058

■ 67.3156, 83.3147,
43.1057

■ 7.9931, 3.7175,
30.8686

■ 73.0016, 90.0449,
44.1051

■ 7.2325, 3.0612,
30.7820

■ 76.3212, 91.7563,
44.2605

Harmonies

Analogous

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



25.5333, 26.7276, 35.4348



26.5670, 26.7276, 34.3306



27.3048, 26.7276, 31.8228

Triad

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



26.5670, 26.7276, 34.3306



26.3369, 26.7276, 24.1048



23.3915, 26.7276, 29.4737

Complementary

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



26.5670, 26.7276, 34.3306



28.6111, 31.3655, 28.9735

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.



23.5931, 26.7276, 26.5405



26.5670, 26.7276, 34.3306



25.2747, 26.7276, 23.5723

Square

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



26.5670, 26.7276, 34.3306



27.1693, 26.7276, 25.9418



24.2750, 26.7276, 24.4329



23.7164, 26.7276, 32.5085

Rectangle

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



26.5670, 26.7276, 34.3306



27.5188, 26.7276, 29.7706



24.2750, 26.7276, 24.4329



23.4000, 26.7276, 28.4432

Sweetspot

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



26.5678, 26.7287, 34.3312



53.3382, 55.3781, 63.4141



27.2681, 29.3970, 34.8093



11.9347, 12.3481, 14.3248



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.



26.5678, 26.7287, 34.3312



46.4603, 46.1474, 61.9949



27.8751, 27.4027, 34.3924



6.0688, 6.1213, 7.7907



5.9125, 2.4991, 25.0784



0.1242, 0.0558, 0.3766

Inverse Universe

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



27.9847, 27.5063, 32.2692



49.6549, 47.9012, 57.3112



27.3292, 30.7047, 28.9135



6.3736, 6.2886, 7.3477



12.8558, 6.3965, 11.0314



0.2089, 0.1023, 0.2528

Previews

White Background



This preview shows how the XYZ color 26.5670, 26.7276, 34.3306 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 26.5670, 26.7276, 34.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

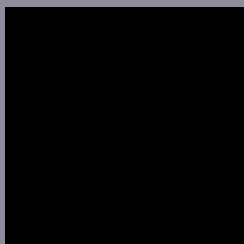
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

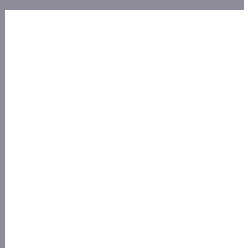
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5670, 26.7276, 34.3306

Background



This preview shows how black text looks on a background with the XYZ color 26.5670, 26.7276, 34.3306.

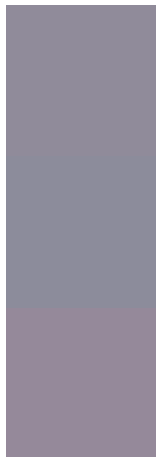


This preview shows how white text looks on a background with the XYZ color 26.5670, 26.7276,

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

26.5670, 26.7276, 34.3306

Protanopia

26.1097, 26.6982, 34.7875

Deuteranopia

27.1728, 26.6140, 34.2767



Tritanopia

26.2917, 26.8302, 33.0712

Trichromacy



Original Color

26.5670, 26.7276, 34.3306

Protanomaly

26.2790, 26.7854, 34.7954

Deuteranomaly

26.9538, 26.7131, 34.3074

Tritanomaly

26.3733, 26.8628, 33.5008

Monochromacy



Original Color

26.5670, 26.7276, 34.3306

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.0409, 26.9647, 31.0263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5670, 26.7276, 34.3306 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(144, 139, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 139, 154)  
}
```

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(144, 139, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 139, 154) }
```

Border

The CSS property to change the border of an element to XYZ 26.5670, 26.7276, 34.3306 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(144, 139, 154) }
```


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

```
.border{ border-color:rgb(144, 139, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 139, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 139,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5670, 26.7276, 34.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 139, 154) }
```

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

```
.background{ background-color: rgb(144,  
139, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor