

Converting Colors

XYZ(26.5268, 25.6270, 42.2153)

Have a look what the booklet for
XYZ(26.5268, 25.6270, 42.2153)
contains.

XYZ(26.4959, 25.6715, 42.0867)	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(26.4959, 25.6715,
42.0867)**

Conversions

Conversions Part 1

Format	Color
Hex	8A87AB
RGB	138, 135, 171
RGB Percent	54%, 53%, 67%
CMY	0.4588, 0.4706, 0.3294
CMYK	0.19, 0.21, 0.00, 0.33
HSL	245°, 18%, 60%
HSV	245°, 21%, 67%
XYZ	26.4959, 25.6715, 42.0867
YIQ	140.0010, -9.7680, 11.8320

Conversions

Conversions Part 2

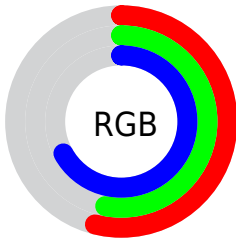
Format	Color
RYB	138, 135, 171
Decimal	9078699
CIELab	57.72, 8.85, -18.58
CIElCh	58, 20.578, 295.471
Yxy	25.6715, 0.2811, 0.2724
Android (android.graphics.Color)	4287268779 (0xFF8A87AB)
YUV	140.0010, 15.2825, -1.7549
Hunter-Lab	50.6671, 4.6777, -13.7824

Details

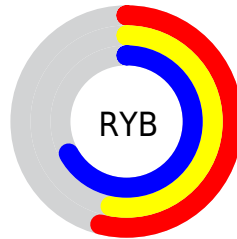
The XYZ color **26.4959, 25.6715, 42.0867** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.0854, 39.2006, 28.6401**, and the grayscale version is **24.8735, 26.1689, 28.4979**.

A 20% lighter version of the original color is **53.4489, 52.6639, 79.2996**, and **10.5088, 9.8551, 18.8011** is the 20% darker color. If you saturate the color by 10%, you get **21.8901, 20.0358, 41.2421**, and if you desaturate by 10%, it is **31.8609, 32.2687, 43.0777**.

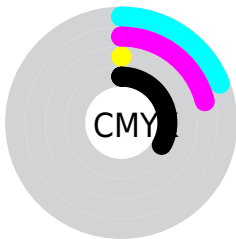
Distribution



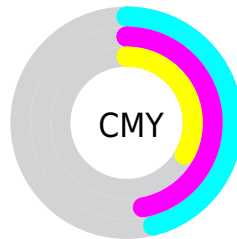
- Red (54%)
- Green (53%)
- Blue (67%)



- Red (54%)
- Yellow (53%)
- Blue (67%)



- Cyan (19%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4959, 25.6715, 42.0867 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 26.4959, 25.6715, 42.0867 by changing the saturation by 10% instead.

■ 26.4959, 25.6715,
42.0867

■ 26.4959, 25.6715,
42.0867

277.4203,
281.1657, 370.6525

■ 17.3296, 16.5780,
28.8431

■ 53.4995, 52.7445,
79.6023

■ 10.5665, 9.9341,
18.7176

■ 72.0675, 71.4929,
104.7115

■ 5.8413, 5.3553,
11.2917

■ 94.5002, 94.2283,
134.6128

■ 2.7886, 2.4572,
6.1467

121.1628,
121.3353, 169.7250

■ 1.0430, 0.8551,
2.8643

152.4208,
153.1981, 210.4665

■ 0.0000, 0.0000,
1.0258

188.6394,

■ 0.0000, 0.0000,

190.2012, 257.2559

0.0000

230.1842,
232.7289, 310.5117

■ 26.4959, 25.6715,
42.0867

■ 26.4959, 25.6715,
42.0867

■ 21.8901, 20.0358,
41.2421

■ 31.8609, 32.2687,
43.0777

■ 18.0068, 15.3136,
40.5353

■ 38.0146, 39.8661,
44.2198

■ 14.8100, 11.4578,
39.9595

■ 44.9881, 48.5039,
45.5196

■ 12.2595, 8.4155,
39.5067

■ 52.8100, 58.2195,
46.9826

■ 10.3111, 6.1282,
39.1679

■ 61.5076, 69.0483,
48.6144

■ 8.9147, 4.5295,
38.9329

■ 71.1067, 81.0239,
50.4200

■ 8.0123, 3.5413,
38.7898

■ 81.6324, 94.1787,
52.4043

■ 7.5357, 3.0356,
38.7173

■ 84.3508, 95.7203,
52.5586

Harmonies

Analogous

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



24.0276, 25.6715, 43.7869



26.4959, 25.6715, 42.0867



28.5173, 25.6715, 36.3746

Triad

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



26.4959, 25.6715, 42.0867



27.1867, 25.6715, 18.1930



19.9730, 25.6715, 26.8937

Complementary

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



26.4959, 25.6715, 42.0867



35.0854, 39.2006, 28.6401

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.



20.6994, 25.6715, 20.9415



26.4959, 25.6715, 42.0867



24.7762, 25.6715, 16.4852

Square

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



26.4959, 25.6715, 42.0867



28.9346, 25.6715, 22.5105



22.4176, 25.6715, 17.3998



20.3658, 25.6715, 34.2063

Rectangle

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



26.4959, 25.6715, 42.0867



29.2823, 25.6715, 31.4977



22.4176, 25.6715, 17.3998



20.0929, 25.6715, 24.6827

Sweetspot

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



26.4967, 25.6725, 42.0873



62.3304, 64.2909, 78.1261



31.4568, 36.3192, 43.8809



13.7467, 14.1480, 17.3940



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.4967, 25.6725, 42.0873



43.6678, 41.3382, 74.6794



29.6100, 27.2775, 42.2330



7.6385, 7.7879, 10.0533



5.7005, 2.2986, 29.1877



0.1781, 0.0740, 0.8129

Inverse Universe

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



32.5273, 28.8141, 40.8941



56.3393, 47.9412, 72.0866



31.6252, 37.4168, 28.4782



8.3079, 8.1364, 9.9320



17.2421, 8.3594, 24.7180



0.4879, 0.2359, 0.7311

Previews

White Background



This preview shows how the XYZ color 26.4959, 25.6715, 42.0867 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 26.4959, 25.6715, 42.0867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

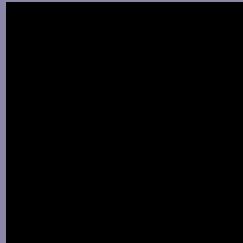
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4959, 25.6715, 42.0867

Background



This preview shows how black text looks on a background with the XYZ color 26.4959, 25.6715, 42.0867.



This preview shows how white text looks on a background with the XYZ color 26.4959, 25.6715,

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

26.4959, 25.6715, 42.0867

Protanopia

25.6944, 25.6543, 43.1327

Deuteranopia

26.3082, 25.7828, 42.1181



Tritanopia

24.5692, 25.7356, 32.5267

Trichromacy



Original Color

26.4959, 25.6715, 42.0867

Protanomaly

25.9234, 25.5734, 42.5996

Deuteranomaly

26.4714, 25.8670, 42.1257

Tritanomaly

25.2517, 25.7965, 35.9961

Monochromacy



Original Color

26.4959, 25.6715, 42.0867

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3219, 25.9003, 32.9428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4959, 25.6715, 42.0867 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(138, 135, 171)` looks like.

```
.text, #text, p{  
    color:rgb(138, 135, 171)  
}
```

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(138, 135, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 135, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.4959, 25.6715, 42.0867 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(138, 135, 171) }
```


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

```
.border{ border-color:rgb(138, 135, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 135, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 135, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 135, 171);  
box-shadow:4px 4px 4px 4px rgb(138, 135,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4959, 25.6715, 42.0867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 135, 171) }
```

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

```
.background{ background-color: rgb(138,  
135, 171) }
```

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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