

Converting Colors

XYZ(26.4449, 26.2817, 42.1233)

Have a look what the booklet for
XYZ(26.4449, 26.2817, 42.1233)
contains.

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Color

**XYZ(26.4308, 26.2681,
42.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	878AAB
RGB	135, 138, 171
RGB Percent	53%, 54%, 67%
CMY	0.4706, 0.4588, 0.3294
CMYK	0.21, 0.19, 0.00, 0.33
HSL	235°, 18%, 60%
HSV	235°, 21%, 67%
XYZ	26.4308, 26.2681, 42.2053
YIQ	140.8650, -12.3810, 9.6270

Conversions

Conversions Part 2

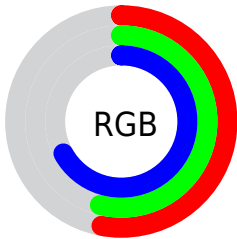
Format	Color
R_{YB}	135, 138, 171
Decimal	8882859
CIE _{Lab}	58.29, 6.14, -17.74
CIE _{LCh}	58, 18.770, 289.092
Yxy	26.2681, 0.2785, 0.2768
Android (android.graphics.Color)	4287072939 (0xFF878AAB)
YUV	140.8650, 14.8566, -5.1436
Hunter-Lab	51.2524, 2.3605, -12.9474

Details

The XYZ color **26.4308, 26.2681, 42.2053** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.1706, 38.4125, 28.4829**, and the grayscale version is **25.2123, 26.5253, 28.8861**.

A 20% lighter version of the original color is **53.3445, 53.5714, 79.4803**, and **10.5658, 10.2427, 18.8729** is the 20% darker color. If you saturate the color by 10%, you get **21.8086, 20.7849, 41.3910**, and if you desaturate by 10%, it is **31.8212, 32.6304, 43.1497**.

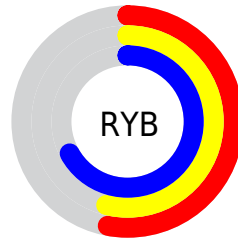
Distribution



Red (53%)

Green (54%)

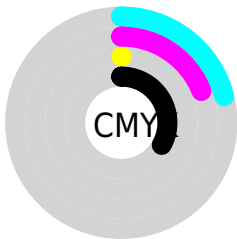
Blue (67%)



Red (53%)

Yellow (54%)

Blue (67%)

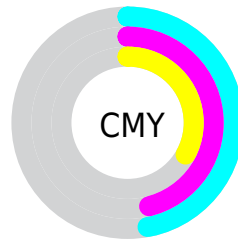


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4308, 26.2681, 42.2053 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 26.4308, 26.2681, 42.2053 by changing the saturation by 10% instead.

■ 26.4308, 26.2681,
42.2053

■ 26.4308, 26.2681,
42.2053

277.1086,
284.0957, 371.1580

■ 17.2806, 17.0243,
28.9353

■ 53.3955, 53.7071,
79.7837

■ 10.5313, 10.2518,
18.7867

■ 71.9406, 72.6712,
104.9292

■ 5.8176, 5.5662,
11.3410

■ 94.3482, 95.6441,
134.8702

■ 2.7741, 2.5832,
6.1797

120.9834,
123.0103, 170.0254

■ 1.0354, 0.9182,
2.8841

152.2117,
155.1542, 210.8132

■ 0.0000, 0.0000,
1.0358

188.3984,

■ 0.0000, 0.0000,

192.4601, 257.6522

0.0000

229.9089,
235.3125, 310.9610

■ 26.4308, 26.2681,
42.2053

■ 26.4308, 26.2681,
42.2053

■ 21.8086, 20.7849,
41.3910

■ 31.8212, 32.6304,
43.1497

■ 17.9171, 16.1390,
40.6993

■ 38.0098, 39.9047,
44.2276

■ 14.7196, 12.2901,
40.1250

■ 45.0284, 48.1262,
45.4446

■ 12.1751, 9.1932,
39.6613

■ 52.9059, 57.3272,
46.8054

■ 10.2383, 6.7990,
39.3013

■ 61.6703, 67.5386,
48.3144

■ 8.8580, 5.0520,
39.0368

■ 71.3478, 78.7898,
49.9761

■ 7.9747, 3.8884,
38.8588

■ 81.9639, 91.1091,
51.7944

■ 7.5113, 3.2613,
38.7621

■ 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.



24.1454, 26.2681, 42.8101



26.4308, 26.2681, 42.2053



28.4344, 26.2681, 37.6510

Triad

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



26.4308, 26.2681, 42.2053



27.9539, 26.2681, 20.1122



20.8993, 26.2681, 26.2874

Complementary

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



26.4308, 26.2681, 42.2053



35.1706, 38.4125, 28.4829

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.



21.7937, 26.2681, 21.1323



26.4308, 26.2681, 42.2053



25.8071, 26.2681, 17.9461

Square

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



26.4308, 26.2681, 42.2053



29.3501, 26.2681, 24.6827



23.5583, 26.2681, 18.2887



21.0436, 26.2681, 32.9145

Rectangle

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



26.4308, 26.2681, 42.2053



29.2971, 26.2681, 33.3275



23.5583, 26.2681, 18.2887



21.0861, 26.2681, 24.3448

Sweetspot

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



26.4316, 26.2692, 42.2059



62.2889, 64.6740, 78.2022



31.5672, 37.0821, 42.2477



13.7366, 14.2414, 17.4126



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.



26.4316, 26.2692, 42.2059



43.5371, 42.5450, 74.9192



28.4828, 26.6961, 42.1802



7.6306, 7.8606, 10.0678



5.6795, 2.4928, 29.2263



0.1749, 0.1032, 0.8187

Inverse Universe

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



30.0467, 27.8215, 27.8324



51.1368, 45.8602, 44.6905



32.7633, 38.0035, 28.5309



8.0313, 8.0258, 8.4759



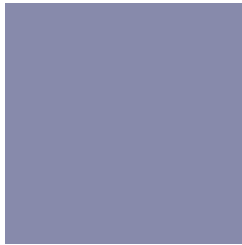
12.7304, 6.5547, 0.9597



0.3627, 0.1858, 0.0717

Previews

White Background



This preview shows how the XYZ color 26.4308, 26.2681, 42.2053 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 26.4308, 26.2681, 42.2053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

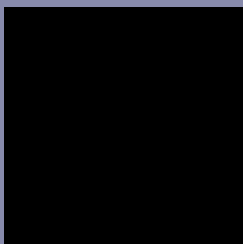
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4308, 26.2681, 42.2053

Background



This preview shows how black text looks on a background with the XYZ color 26.4308, 26.2681, 42.2053.



This preview shows how white text looks on a background with the XYZ color 26.4308, 26.2681,

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

26.4308, 26.2681, 42.2053

Protanopia

26.2562, 26.3921, 42.2384

Deuteranopia

26.7776, 26.2349, 42.1806



Tritanopia

24.7081, 26.2223, 33.4649

Trichromacy



Original Color

26.4308, 26.2681, 42.2053

Protanomaly

26.4148, 26.4738, 42.2458

Deuteranomaly

26.6129, 26.1500, 42.1729

Tritanomaly

25.3090, 26.2459, 36.5329

Monochromacy



Original Color

26.4308, 26.2681, 42.2053

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.6930, 26.5121, 33.4689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4308, 26.2681, 42.2053 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(135, 138, 171)` looks like.

```
.text, #text, p{  
    color:rgb(135, 138, 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(135, 138, 171) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 26.4308, 26.2681, 42.2053 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(135, 138, 171) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 26.4308, 26.2681, 42.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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