

Converting Colors

XYZ(26.6139, 24.2071, 43.0094)

Have a look what the booklet for
XYZ(26.6139, 24.2071, 43.0094)
contains.

XYZ(26.5897, 24.2951, 42.8232)	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(26.5897, 24.2951,
42.8232)**

Conversions

Conversions Part 1

Format	Color
Hex	8F80AD
RGB	143, 128, 173
RGB Percent	56%, 50%, 68%
CMY	0.4392, 0.4980, 0.3216
CMYK	0.17, 0.26, 0.00, 0.32
HSL	260°, 22%, 59%
HSV	260°, 26%, 68%
XYZ	26.5897, 24.2951, 42.8232
YIQ	137.6150, -5.5050, 17.1750

Conversions

Conversions Part 2

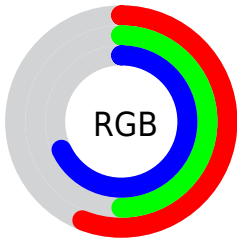
Format	Color
R_{YB}	143, 128, 173
Decimal	9404589
CIE _{Lab}	56.38, 15.02, -21.74
CIE _{LCh}	56, 26.421, 304.642
Yxy	24.2951, 0.2838, 0.2593
Android (android.graphics.Color)	4287594669 (0xFF8F80AD)
YUV	137.6150, 17.4448, 4.7226
Hunter-Lab	49.2901, 10.0349, -17.0081

Details

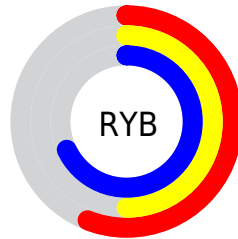
The XYZ color **26.5897, 24.2951, 42.8232** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.9412, 38.7154, 26.1597**, and the grayscale version is **23.9489, 25.1961, 27.4385**.

A 20% lighter version of the original color is **53.6927, 50.5752, 81.0608**, and **10.6608, 9.2478, 19.3123** is the 20% darker color. If you saturate the color by 10%, you get **22.6278, 19.1841, 42.0459**, and if you desaturate by 10%, it is **31.1433, 30.2834, 43.7395**.

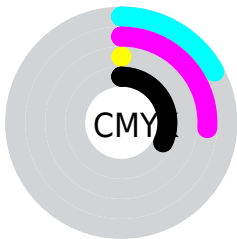
Distribution



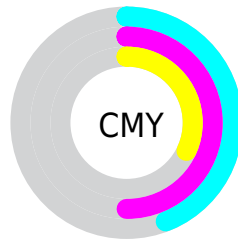
- Red (56%)
- Green (50%)
- Blue (68%)



- Red (56%)
- Yellow (50%)
- Blue (68%)



- Cyan (17%)
- Magenta (26%)
- Yellow (0%)
- Black (32%)



- Cyan (44%)
- Magenta (50%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5897, 24.2951, 42.8232 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 26.5897, 24.2951, 42.8232 by changing the saturation by 10% instead.

■ 26.5897, 24.2951,
42.8232

■ 26.5897, 24.2951,
42.8232

277.8689,
274.3090, 373.7840

■ 17.4003, 15.5527,
29.4160

■ 53.6493, 50.5113,
80.7275

■ 10.6174, 9.2082,
19.1475

■ 72.2502, 68.7539,
106.0617

■ 5.8756, 4.8772,
11.5990

■ 94.7191, 90.9320,
136.2087

■ 2.8095, 2.1754,
6.3521

121.4211,
117.4300, 171.5870

■ 1.0538, 0.7065,
2.9881

152.7218,
148.6324, 212.6151

■ 0.0000, 0.0000,
1.0886

188.9864,

■ 0.0000, 0.0000,

184.9234, 259.7116

0.0000

230.5803,
226.6875, 313.2951

■ 26.5897, 24.2951,
42.8232

■ 26.5897, 24.2951,
42.8232

■ 22.6278, 19.1841,
42.0459

■ 31.1433, 30.2834,
43.7395

■ 19.2294, 14.9052,
41.3991

■ 36.3101, 37.1853,
44.7993

■ 16.3677, 11.4136,
40.8760

■ 42.1137, 45.0387,
46.0093

■ 14.0124, 8.6590,
40.4684

■ 48.5754, 53.8783,
47.3750

■ 12.1301, 6.5850,
40.1673

■ 55.7158, 63.7373,
48.9016

■ 10.6824, 5.1268,
39.9621

■ 63.5543, 74.6471,
50.5943

■ 9.6212, 4.1998,
39.8391

■ 72.1096, 86.6379,
52.4578

■ 9.2684, 3.9067,
39.8012

■ 77.6532, 92.2454,
53.2480

■ 81.5916, 94.2757,
53.4323

Harmonies

Analogous

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



23.5698, 24.2951, 46.9815



26.5897, 24.2951, 42.8232



28.8091, 24.2951, 34.3207

Triad

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



26.5897, 24.2951, 42.8232



25.6964, 24.2951, 13.9901



17.7242, 24.2951, 27.8365

Complementary

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



26.5897, 24.2951, 42.8232



32.9412, 38.7154, 26.1597

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.



18.1858, 24.2951, 19.8905



26.5897, 24.2951, 42.8232



22.6202, 24.2951, 12.9923

Square

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



26.5897, 24.2951, 42.8232



28.2623, 24.2951, 18.0058



19.9149, 24.2951, 14.8984



18.5938, 24.2951, 37.1994

Rectangle

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



26.5897, 24.2951, 42.8232



29.4389, 24.2951, 28.0532



19.9149, 24.2951, 14.8984



17.7295, 24.2951, 24.9153

Sweetspot

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



26.5905, 24.2961, 42.8237



62.9642, 63.8235, 79.8064



28.8009, 32.3175, 44.2555



13.3804, 13.4641, 17.2813



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.



26.5905, 24.2961, 42.8237



43.5684, 38.2594, 75.8943



30.7278, 26.4290, 43.0174



7.8211, 7.8821, 10.0619



6.8641, 2.8984, 29.2422



0.2499, 0.1110, 0.8162

Inverse Universe

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



31.1251, 26.7922, 35.8796



53.1263, 43.5265, 60.9910



29.0346, 36.7015, 25.9769



8.2218, 8.1020, 9.4791



14.9755, 7.4528, 12.7825



0.4406, 0.2169, 0.4819

Previews

White Background



This preview shows how the XYZ color 26.5897, 24.2951, 42.8232 looks on a white background.

Color Contrast Check

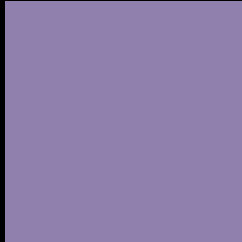
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5897, 24.2951, 42.8232 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 26.5897, 24.2951, 42.8232

Background



This preview shows how black text looks on a background with the XYZ color 26.5897, 24.2951, 42.8232.



This preview shows how white text looks on a background with the XYZ color 26.5897, 24.2951,

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

26.5897, 24.2951, 42.8232

Protanopia

24.7731, 24.5096, 45.0201

Deuteranopia

24.8872, 24.4207, 42.4317



Tritanopia

23.9028, 24.1919, 29.7953

Trichromacy



Original Color

26.5897, 24.2951, 42.8232

Protanomaly

25.4478, 24.4624, 44.4548

Deuteranomaly

25.3942, 24.2795, 42.3777

Tritanomaly

24.8479, 24.1746, 34.3669

Monochromacy



Original Color

26.5897, 24.2951, 42.8232

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9262, 24.8600, 32.7629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5897, 24.2951, 42.8232 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(143, 128, 173)` looks like.

```
.text, #text, p{  
    color:rgb(143, 128, 173)  
}
```

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(143, 128, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 128, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.5897, 24.2951, 42.8232 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(143, 128, 173) }
```


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

```
.border{ border-color:rgb(143, 128, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 128, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 128, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 128, 173);  
box-shadow:4px 4px 4px 4px rgb(143, 128,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5897, 24.2951, 42.8232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 128, 173) }
```

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

```
.background{ background-color: rgb(143,  
128, 173) }
```

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