

Converting Colors

XYZ(25.7902, 24.8469, 43.0386)

Have a look what the booklet for
XYZ(25.7902, 24.8469, 43.0386)
contains.

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Color

**XYZ(25.7619, 24.8605,
42.9759)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8685AD |
| RGB | 134, 133, 173 |
| RGB Percent | 53%, 52%, 68% |
| CMY | 0.4745, 0.4784, 0.3216 |
| CMYK | 0.23, 0.23, 0.00, 0.32 |
| HSL | 241°, 20%, 60% |
| HSV | 241°, 23%, 68% |
| XYZ | 25.7619, 24.8605, 42.9759 |
| YIQ | 137.8590, -12.2440, 12.6520 |

Conversions

Conversions Part 2

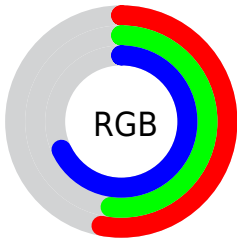
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 134, 133, 173 |
| Decimal | 8816045 |
| CIE Lab | 56.94, 9.19, -20.95 |
| CIE LCh | 57, 22.876, 293.680 |
| Yxy | 24.8605, 0.2752, 0.2656 |
| Android (android.graphics.Color) | 4287006125 (0xFF8685AD) |
| YUV | 137.8590, 17.3245, -3.3843 |
| Hunter-Lab | 49.8603, 4.9721, -16.2014 |

Details

The XYZ color **25.7619, 24.8605, 42.9759** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.1911, 40.3518, 28.0725**, and the grayscale version is **24.0438, 25.2960, 27.5473**.

A 20% lighter version of the original color is **52.4408, 51.4663, 81.2988**, and **10.1888, 9.5601, 19.3974** is the 20% darker color. If you saturate the color by 10%, you get **21.1083, 19.2307, 42.1349**, and if you desaturate by 10%, it is **31.2360, 31.4935, 43.9681**.

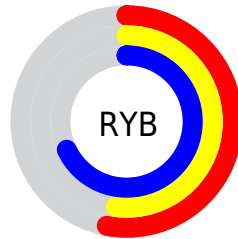
Distribution



Red (53%)

Green (52%)

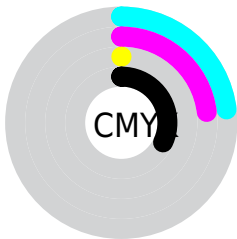
Blue (68%)



Red (53%)

Yellow (52%)

Blue (68%)

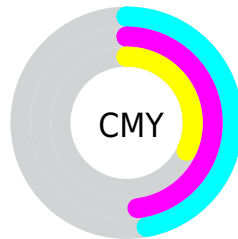


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (48%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7619, 24.8605, 42.9759 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 25.7619, 24.8605, 42.9759 by changing the saturation by 10% instead.

■ 25.7619, 24.8605,
42.9759

■ 25.7619, 24.8605,
42.9759

273.8895,
277.1425, 374.4310

■ 16.7773, 15.9732,
29.5349

■ 52.3246, 51.4308,
80.9605

■ 10.1702, 9.5052,
19.2368

■ 70.6335, 69.8826,
106.3411

■ 5.5751, 5.0721,
11.6630

■ 92.7812, 92.2913,
136.5388

■ 2.6266, 2.2896,
6.3949

119.1331,
119.0413, 171.9720

■ 0.9596, 0.7682,
3.0140

150.0545,
150.5170, 213.0593

■ 0.0000, 0.0000,
1.1018

185.9108,

■ 0.0000, 0.0000,

187.1029, 260.2192

0.0000

227.0673,
229.1833, 313.8702

■ 25.7619, 24.8605,
42.9759

■ 25.7619, 24.8605,
42.9759

■ 21.1083, 19.2307,
42.1349

■ 31.2360, 31.4935,
43.9681

■ 17.2335, 14.5526,
41.4362

■ 37.5650, 39.1721,
45.1166

■ 14.0956, 10.7745,
40.8723

■ 44.7841, 47.9398,
46.4285

■ 11.6479, 7.8385,
40.4346

■ 52.9260, 57.8368,
47.9097

■ 9.8385, 5.6802,
40.1134

■ 62.0214, 68.9012,
49.5659

■ 8.6079, 4.2258,
39.8975

■ 72.1001, 81.1694,
51.4027

■ 7.8857, 3.3873,
39.7737

■ 83.1901, 94.6761,
53.4253

■ 7.5970, 3.0451,
39.7229

■ 84.5429, 95.7972,
53.5704

Harmonies

Analogous

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



23.0659, 24.8605, 44.5657



25.7619, 24.8605, 42.9759



28.0335, 24.8605, 36.7947

Triad

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



25.7619, 24.8605, 42.9759



26.8177, 24.8605, 16.8259



18.8644, 24.8605, 25.4752

Complementary

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



25.7619, 24.8605, 42.9759



36.1911, 40.3518, 28.0725

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.



19.7121, 24.8605, 19.2284



25.7619, 24.8605, 42.9759



24.2015, 24.8605, 14.8812

Square

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



25.7619, 24.8605, 42.9759



28.6746, 24.8605, 21.5588



21.6175, 24.8605, 15.6692



19.2133, 24.8605, 33.4458

Rectangle

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



25.7619, 24.8605, 42.9759



28.9330, 24.8605, 31.4355



21.6175, 24.8605, 15.6692



19.0166, 24.8605, 23.1265

Sweetspot

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



25.7627, 24.8615, 42.9765



62.5523, 64.4211, 79.9434



32.0324, 37.6363, 45.1118



13.4534, 13.8296, 17.3480



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.



25.7627, 24.8615, 42.9765



41.4858, 38.8934, 76.1264



29.1942, 26.6305, 43.1371



7.5967, 7.7664, 10.0514



5.5884, 2.2408, 29.1825



0.1613, 0.0654, 0.8121

Inverse Universe

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



33.0682, 28.6387, 42.8153



57.0053, 46.9185, 75.7434



32.1893, 38.2888, 27.8852



8.3283, 8.1446, 10.0397



17.9028, 8.6237, 28.1974



0.5007, 0.2410, 0.7984

Previews

White Background



This preview shows how the XYZ color 25.7619, 24.8605, 42.9759 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 25.7619, 24.8605, 42.9759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

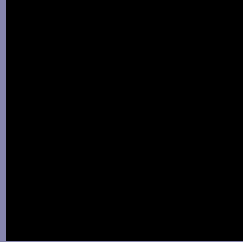
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7619, 24.8605, 42.9759

Background



This preview shows how black text looks on a background with the XYZ color 25.7619, 24.8605, 42.9759.



This preview shows how white text looks on a background with the XYZ color 25.7619, 24.8605,

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

25.7619, 24.8605, 42.9759

Protanopia

25.0564, 24.8960, 43.5292

Deuteranopia

25.4280, 24.8926, 42.9997



Tritanopia

23.3442, 24.6966, 31.5535

Trichromacy



Original Color

25.7619, 24.8605, 42.9759

Protanomaly

25.3710, 24.8520, 43.5041

Deuteranomaly

25.5836, 24.9729, 43.0070

Tritanomaly

24.2500, 24.8679, 35.4202

Monochromacy



Original Color

25.7619, 24.8605, 42.9759

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7066, 25.1610, 32.8325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7619, 24.8605, 42.9759 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(134, 133, 173)` looks like.

```
.text, #text, p{  
    color:rgb(134, 133, 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(134, 133, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 133, 173) }
```

Border

The CSS property to change the border of an element to XYZ 25.7619, 24.8605, 42.9759 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(134, 133, 173) }
```


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

```
.border{ border-color:rgb(134, 133, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 133, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 133, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 133, 173);  
box-shadow:4px 4px 4px 4px rgb(134, 133,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7619, 24.8605, 42.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 133, 173) }
```

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

```
.background{ background-color: rgb(134,  
133, 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](#).

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