

Converting Colors

XYZ(27.0818, 26.3162, 50.1071)

Have a look what the booklet for
XYZ(27.0818, 26.3162, 50.1071)
contains.

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Color

**XYZ(27.0145, 26.1823,
50.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	8289BA
RGB	130, 137, 186
RGB Percent	51%, 54%, 73%
CMY	0.4902, 0.4627, 0.2706
CMYK	0.30, 0.26, 0.00, 0.27
HSL	232°, 29%, 62%
HSV	232°, 30%, 73%
XYZ	27.0145, 26.1823, 50.0842
YIQ	140.4930, -19.9010, 13.7550

Conversions

Conversions Part 2

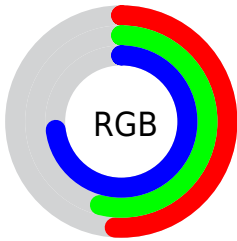
Format	Color
RYB	130, 136, 186
Decimal	8554938
CIELab	58.21, 8.87, -26.44
CIELCh	58, 27.888, 288.553
Yxy	26.1823, 0.2616, 0.2535
Android (android.graphics.Color)	4286745018 (0xFF8289BA)
YUV	140.4930, 22.4350, -9.2024
Hunter-Lab	51.1686, 4.6940, -22.2154

Details

The XYZ color **27.0145, 26.1823, 50.0842** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.3996, 44.2914, 27.5398**, and the grayscale version is **25.0407, 26.3447, 28.6894**.

A 20% lighter version of the original color is **54.2076, 53.4281, 91.4600**, and **10.8663, 10.1721, 23.5810** is the 20% darker color. If you saturate the color by 10%, you get **22.2737, 20.5595, 49.2492**, and if you desaturate by 10%, it is **32.6218, 32.7709, 51.0609**.

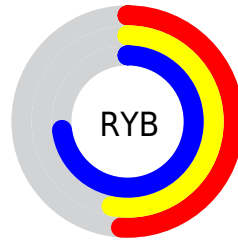
Distribution



Red (51%)

Green (54%)

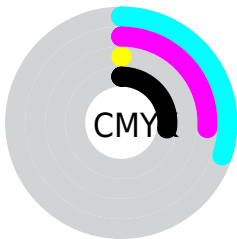
Blue (73%)



Red (51%)

Yellow (53%)

Blue (73%)

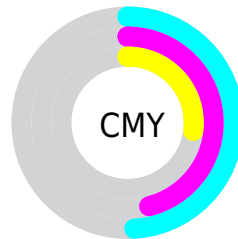


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0145, 26.1823, 50.0842 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 27.0145, 26.1823, 50.0842 by changing the saturation by 10% instead.

■ 27.0145, 26.1823,
50.0842

■ 27.0145, 26.1823,
50.0842

279.8936,
283.6758, 403.7396

■ 17.7208, 16.9601,
35.1087

■ 54.3269, 53.5689,
91.6972

■ 10.8482, 10.2060,
23.4624

■ 73.0762, 72.5020,
119.1718

■ 6.0314, 5.5358,
14.7268

■ 95.7081, 95.4410,
151.6497

■ 2.9050, 2.5649,
8.4834

122.5879,
122.7700, 189.5496

■ 1.1037, 0.9091,
4.3136

154.0810,
154.8737, 233.2900

■ 0.0282, 0.0000,
1.7989

190.5528,

■ 0.0000, 0.0000,

192.1363, 283.2895

0.4272

232.3685,
234.9422, 339.9665

■ 0.0000, 0.0000,
0.0000

■ 27.0145, 26.1823,
50.0842

■ 27.0145, 26.1823,
50.0842

■ 22.2737, 20.5595,
49.2492

■ 32.6218, 32.7709,
51.0609

■ 18.3533, 15.8541,
48.5476

■ 39.1332, 40.3648,
52.1834

■ 15.2070, 12.0178,
47.9729

■ 46.5874, 49.0048,
53.4582

■ 12.7828, 8.9967,
47.5176

■ 55.0200, 58.7288,
54.8907

■ 11.0222, 6.7310,
47.1731

■ 64.4648, 69.5725,
56.4860

■ 9.8572, 5.1520,
46.9297

■ 74.9538, 81.5701,
58.2489

■ 9.1744, 4.1680,
46.7757

■ 84.5775, 93.7542,
60.0934

■ 85.8630, 96.3252,
60.5219

Harmonies

Analogous

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



23.6159, 26.1823, 50.9598



27.0145, 26.1823, 50.0842



30.0902, 26.1823, 42.7134

Triad

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



27.0145, 26.1823, 50.0842



29.4475, 26.1823, 16.6937



19.0355, 26.1823, 24.9661

Complementary

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



27.0145, 26.1823, 50.0842



40.3996, 44.2914, 27.5398

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.



20.3184, 26.1823, 17.8634



27.0145, 26.1823, 50.0842



26.1998, 26.1823, 13.8627

Square

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



27.0145, 26.1823, 50.0842



31.5804, 26.1823, 22.9786



22.8714, 26.1823, 14.2357



19.2107, 26.1823, 34.8602

Rectangle

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



27.0145, 26.1823, 50.0842



31.4488, 26.1823, 35.8819



22.8714, 26.1823, 14.2357



19.3055, 26.1823, 22.2207

Sweetspot

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



27.0154, 26.1833, 50.0848



72.1493, 74.5792, 94.7940



34.8550, 43.1000, 48.8834



15.4795, 15.9482, 20.8050



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.0154, 26.1833, 50.0848



43.2155, 40.6496, 89.7699



29.5224, 26.0461, 49.9262



8.6092, 8.8956, 11.3427



6.2032, 2.8660, 31.4793



0.2483, 0.1602, 1.1196

Inverse Universe

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



32.7484, 28.2114, 27.3872



55.3094, 45.1286, 41.8439



37.2031, 44.7795, 27.8025



9.0491, 9.0300, 9.6059



13.7448, 7.0717, 1.2767



0.4995, 0.2553, 0.1236

Previews

White Background



This preview shows how the XYZ color 27.0145, 26.1823, 50.0842 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 27.0145, 26.1823, 50.0842 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 27.0145, 26.1823, 50.0842

Background



This preview shows how black text looks on a background with the XYZ color 27.0145, 26.1823, 50.0842.



This preview shows how white text looks on a background with the XYZ color 27.0145, 26.1823,

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

27.0145, 26.1823, 50.0842

Protanopia

26.6623, 26.2004, 50.6656

Deuteranopia

26.8535, 26.3113, 50.1176



Tritanopia

23.8236, 26.1890, 34.3712

Trichromacy



Original Color

27.0145, 26.1823, 50.0842

Protanomaly

26.8105, 26.2768, 50.6726

Deuteranomaly

27.0047, 26.3893, 50.1247

Tritanomaly

25.0120, 26.2385, 39.8227

Monochromacy



Original Color

27.0145, 26.1823, 50.0842

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.4718, 26.1338, 35.6001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0145, 26.1823, 50.0842 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(130, 137, 186)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 186)  
}
```

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(130, 137, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 186) }
```

Border

The CSS property to change the border of an element to XYZ 27.0145, 26.1823, 50.0842 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(130, 137, 186) }
```


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

```
.border{ border-color:rgb(130, 137, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 186);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0145, 26.1823, 50.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 186) }
```

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

```
.background{ background-color: rgb(130,  
137, 186) }
```

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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