

Converting Colors

XYZ(27.1574, 26.3863, 46.0449)

Have a look what the booklet for
XYZ(27.1574, 26.3863, 46.0449)
contains.

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Color

**XYZ(27.2357, 26.3802,
46.3042)**

Conversions

Conversions Part 1

Format	Color
Hex	8889B3
RGB	136, 137, 179
RGB Percent	53%, 54%, 70%
CMY	0.4667, 0.4627, 0.2980
CMYK	0.24, 0.23, 0.00, 0.30
HSL	239°, 22%, 62%
HSV	239°, 24%, 70%
XYZ	27.2357, 26.3802, 46.3042
YIQ	141.4890, -14.0780, 12.8500

Conversions

Conversions Part 2

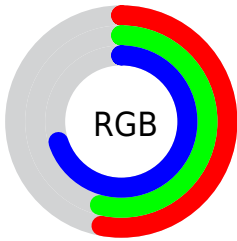
Format	Color
R _Y B	136, 137, 179
Decimal	8948147
CIE Lab	58.40, 8.96, -22.13
CIE LCh	58, 23.878, 292.050
Yxy	26.3802, 0.2726, 0.2640
Android (android.graphics.Color)	4287138227 (0xFF8889B3)
YUV	141.4890, 18.4929, -4.8139
Hunter-Lab	51.3617, 4.7708, -17.4987

Details

The XYZ color **27.2357, 26.3802, 46.3042** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.9552, 43.2024, 29.5792**, and the grayscale version is **25.4437, 26.7687, 29.1511**.

A 20% lighter version of the original color is **54.6441, 53.7722, 86.0963**, and **10.9204, 10.2540, 21.1423** is the 20% darker color. If you saturate the color by 10%, you get **22.2807, 20.4310, 45.4175**, and if you desaturate by 10%, it is **33.0807, 33.3873, 47.3491**.

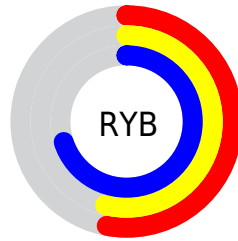
Distribution



Red (53%)

Green (54%)

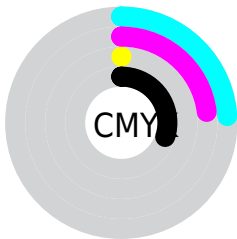
Blue (70%)



Red (53%)

Yellow (54%)

Blue (70%)

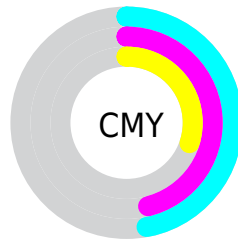


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (46%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2357, 26.3802, 46.3042 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 27.2357, 26.3802, 46.3042 by changing the saturation by 10% instead.

■ 27.2357, 26.3802,
46.3042

■ 27.2357, 26.3802,
46.3042

280.9433,
284.6435, 388.3433

■ 17.8878, 17.1083,
32.1355

■ 54.6791, 53.8877,
86.0131

■ 10.9687, 10.3117,
21.1994

■ 73.5053, 72.8920,
112.3905

■ 6.1129, 5.6061,
13.0772

■ 96.2217, 95.9093,
143.6745

■ 2.9552, 2.6071,
7.3503

123.1935,
123.3239, 180.2838

■ 1.1301, 0.9302,
3.6004

154.7863,
155.5202, 222.6367

■ 0.0501, 0.0000,
1.4088

191.3653,

■ 0.0000, 0.0000,

192.8827, 271.1519

0.1486

233.2958,
235.7956, 326.2480

■ 0.0000, 0.0000,
0.0000

■ 27.2357, 26.3802,
46.3042

■ 27.2357, 26.3802,
46.3042

■ 22.2807, 20.4310,
45.4175

■ 33.0807, 33.3873,
47.3491

■ 18.1696, 15.4853,
44.6796

■ 39.8535, 41.4967,
48.5574

■ 14.8561, 11.4888,
44.0828

■ 47.5931, 50.7543,
49.9364

■ 12.2886, 8.3807,
43.6182

■ 56.3353, 61.2024,
51.4923

■ 10.4091, 6.0931,
43.2757

■ 66.1140, 72.8811,
53.2311

■ 9.1515, 4.5486,
43.0439

■ 76.9619, 85.8286,
55.1585

■ 8.4363, 3.6548,
42.9090

■ 85.1368, 96.0347,
56.6976

■ 8.1820, 3.3451,
42.8627

Harmonies

Analogous

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



24.3069, 26.3802, 47.7196



27.2357, 26.3802, 46.3042



29.7548, 26.3802, 39.7608

Triad

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



27.2357, 26.3802, 46.3042



28.6782, 26.3802, 17.8402



19.9253, 26.3802, 26.5617

Complementary

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



27.2357, 26.3802, 46.3042



38.9552, 43.2024, 29.5792

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.



20.9111, 26.3802, 19.9450



27.2357, 26.3802, 46.3042



25.8562, 26.3802, 15.5856

Square

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



27.2357, 26.3802, 46.3042



30.6315, 26.3802, 23.1124



23.0290, 26.3802, 16.2735



20.2322, 26.3802, 35.1764

Rectangle

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



27.2357, 26.3802, 46.3042



30.7885, 26.3802, 33.9562



23.0290, 26.3802, 16.2735



20.1136, 26.3802, 24.0582

Sweetspot

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



27.2366, 26.3813, 46.3048



67.4375, 69.6048, 86.2619



34.2665, 40.6720, 47.9366



14.7794, 15.2278, 19.0825



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.2366, 26.3813, 46.3048



43.7335, 41.1915, 82.0269



30.6648, 27.9384, 46.4247



8.0573, 8.2608, 10.6762



5.7884, 2.3772, 30.2907



0.1874, 0.0852, 0.9548

Inverse Universe

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



31.9106, 28.9990, 27.5835



53.6185, 46.7513, 42.4289



34.8495, 41.3824, 29.4443



8.5041, 8.5084, 8.8871



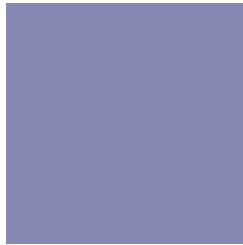
13.1564, 6.7801, 0.7175



0.4166, 0.2144, 0.0365

Previews

White Background



This preview shows how the XYZ color 27.2357, 26.3802, 46.3042 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 27.2357, 26.3802, 46.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

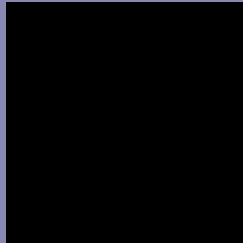
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2357, 26.3802, 46.3042

Background



This preview shows how black text looks on a background with the XYZ color 27.2357, 26.3802, 46.3042.



This preview shows how white text looks on a background with the XYZ color 27.2357, 26.3802,

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

27.2357, 26.3802, 46.3042

Protanopia

26.6768, 26.5064, 46.8902

Deuteranopia

27.0567, 26.5000, 46.3368



Tritanopia

24.7828, 26.4712, 33.9402

Trichromacy



Original Color

27.2357, 26.3802, 46.3042

Protanomaly

26.8424, 26.3778, 46.8567

Deuteranomaly

27.2168, 26.5825, 46.3443

Tritanomaly

25.5725, 26.3513, 37.9209

Monochromacy



Original Color

27.2357, 26.3802, 46.3042

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9419, 26.6117, 34.7796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2357, 26.3802, 46.3042 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(136, 137, 179)` looks like.

```
.text, #text, p{  
    color:rgb(136, 137, 179)  
}
```

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(136, 137, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 137, 179) }
```

Border

The CSS property to change the border of an element to XYZ 27.2357, 26.3802, 46.3042 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(136, 137, 179) }
```


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

```
.border{ border-color:rgb(136, 137, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 137, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 137, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 137, 179);  
box-shadow:4px 4px 4px 4px rgb(136, 137,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2357, 26.3802, 46.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 137, 179) }
```

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

```
.background{ background-color: rgb(136,  
137, 179) }
```

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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