

Converting Colors

XYZ(27.7429, 25.2886, 46.3835)

Have a look what the booklet for
XYZ(27.7429, 25.2886, 46.3835)
contains.

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Color

**XYZ(27.7225, 25.1898,
46.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	9082B4
RGB	144, 130, 180
RGB Percent	56%, 51%, 71%
CMY	0.4353, 0.4902, 0.2941
CMYK	0.20, 0.28, 0.00, 0.29
HSL	257°, 25%, 61%
HSV	257°, 28%, 71%
XYZ	27.7225, 25.1898, 46.5810
YIQ	139.8860, -7.7060, 18.5180

Conversions

Conversions Part 2

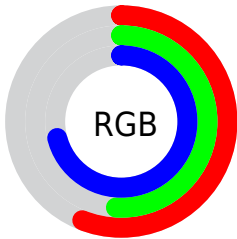
Format	Color
RYB	144, 130, 180
Decimal	9470644
CIELab	57.26, 15.81, -24.39
CIELCh	57, 29.068, 302.960
Yxy	25.1898, 0.2786, 0.2532
Android (android.graphics.Color)	4287660724 (0xFF9082B4)
YUV	139.8860, 19.7762, 3.6080
Hunter-Lab	50.1894, 10.7642, -19.8947

Details

The XYZ color **27.7225, 25.1898, 46.5810** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.0770, 42.3617, 27.3952**, and the grayscale version is **24.8115, 26.1036, 28.4269**.

A 20% lighter version of the original color is **55.3625, 51.9289, 86.4622**, and **11.2874, 9.7443, 21.3646** is the 20% darker color. If you saturate the color by 10%, you get **23.3994, 19.7129, 45.7521**, and if you desaturate by 10%, it is **32.7259, 31.6403, 47.5628**.

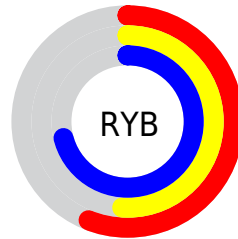
Distribution



Red (56%)

Green (51%)

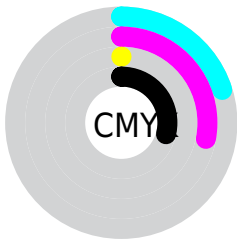
Blue (71%)



Red (56%)

Yellow (51%)

Blue (71%)

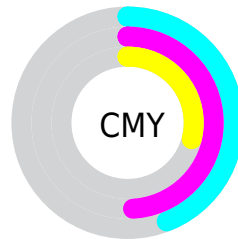


Cyan (20%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7225, 25.1898, 46.5810 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 27.7225, 25.1898, 46.5810 by changing the saturation by 10% instead.

■ 27.7225, 25.1898,
46.5810

■ 27.7225, 25.1898,
46.5810

283.2427,
278.7818, 389.4848

■ 18.2560, 16.2185,
32.3526

■ 55.4528, 51.9650,
86.4313

■ 11.2347, 9.6789,
21.3639

■ 74.4474, 70.5376,
112.8902

■ 6.2934, 5.1866,
13.1964

■ 97.3486, 93.0796,
144.2630

■ 3.0666, 2.3572,
7.4316

124.5219,
119.9751, 180.9683

■ 1.1891, 0.8037,
3.6510

156.3326,
151.6088, 223.4246

■ 0.0977, 0.0000,
1.4359

193.1460,

■ 0.0000, 0.0000,

188.3648, 272.0504

0.1695

235.3276,
230.6277, 327.2643

■ 0.0000, 0.0000,
0.0000

■ 27.7225, 25.1898,
46.5810

■ 27.7225, 25.1898,
46.5810

■ 23.3994, 19.7129,
45.7521

■ 32.7259, 31.6403,
47.5628

■ 19.7237, 15.1585,
45.0668

■ 38.4358, 39.1062,
48.7029

■ 16.6630, 11.4752,
44.5171

■ 44.8799, 47.6304,
50.0086

■ 14.1814, 8.6054,
44.0940

■ 52.0835, 57.2524,
51.4862

■ 12.2385, 6.4840,
43.7869

■ 60.0709, 68.0098,
53.1416

■ 10.7884, 5.0359,
43.5839

■ 68.8652, 79.9383,
54.9805

■ 9.7649, 4.1468,
43.4662

■ 78.1676, 92.4302,
56.9014

■ 9.5736, 3.9837,
43.4448

■ 82.5970, 94.7137,
57.1087

■ 85.2383, 96.0753,
57.2323

Harmonies

Analogous

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



24.2852, 25.1898, 51.0172



27.7225, 25.1898, 46.5810



30.3273, 25.1898, 36.9680

Triad

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



27.7225, 25.1898, 46.5810



27.0756, 25.1898, 13.7824



17.9275, 25.1898, 28.4168

Complementary

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



27.7225, 25.1898, 46.5810



36.0770, 42.3617, 27.3952

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.



18.5227, 25.1898, 19.6881



27.7225, 25.1898, 46.5810



23.6024, 25.1898, 12.5300

Square

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



27.7225, 25.1898, 46.5810



29.9294, 25.1898, 18.3614



20.5221, 25.1898, 14.4097



18.8119, 25.1898, 39.0732

Rectangle

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



27.7225, 25.1898, 46.5810



31.1219, 25.1898, 29.8144



20.5221, 25.1898, 14.4097



17.9614, 25.1898, 25.1714

Sweetspot

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



27.7233, 25.1908, 46.5816



69.2958, 70.3866, 88.2283



31.2026, 35.5573, 48.3991



14.6272, 14.7531, 18.9989



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.



27.7233, 25.1908, 46.5816



45.5834, 39.7176, 83.5584



32.4411, 27.6229, 46.8024



8.2580, 8.3415, 10.6812



6.7394, 2.8101, 30.3242



0.2703, 0.1184, 0.9569

Inverse Universe

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



33.6886, 28.4226, 39.7874



58.2172, 46.5699, 68.8197



31.4495, 39.9761, 27.1787



8.7465, 8.6053, 10.1636



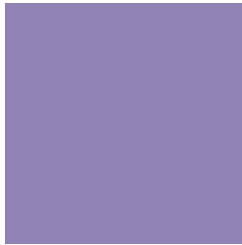
15.9600, 7.9016, 15.4812



0.5255, 0.2579, 0.6099

Previews

White Background



This preview shows how the XYZ color 27.7225, 25.1898, 46.5810 looks on a white background.

Color Contrast Check

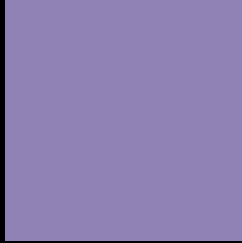
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7225, 25.1898, 46.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

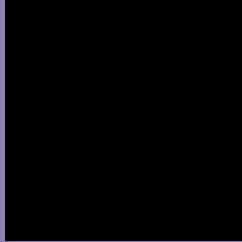
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7225, 25.1898, 46.5810

Background



This preview shows how black text looks on a background with the XYZ color 27.7225, 25.1898, 46.5810.



This preview shows how white text looks on a background with the XYZ color 27.7225, 25.1898,

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

27.7225, 25.1898, 46.5810

Protanopia

25.7681, 25.3541, 48.8831

Deuteranopia

25.8539, 25.2497, 46.1589



Tritanopia

24.5519, 25.1182, 31.1580

Trichromacy



Original Color

27.7225, 25.1898, 46.5810

Protanomaly

26.4324, 25.2944, 48.2889

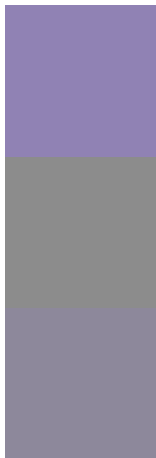
Deuteranomaly

26.3557, 25.0981, 46.1031

Tritanomaly

25.5983, 25.1288, 36.3021

Monochromacy



Original Color

27.7225, 25.1898, 46.5810

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.7051, 25.6376, 34.6041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7225, 25.1898, 46.5810 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(144, 130, 180)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 180)  
}
```

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(144, 130, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 180) }
```

Border

The CSS property to change the border of an element to XYZ 27.7225, 25.1898, 46.5810 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(144, 130, 180) }
```


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

```
.border{ border-color:rgb(144, 130, 180) }
```

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

Here you see how a box with a 4 pixel rgb(144, 130, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 180);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7225, 25.1898, 46.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 180) }
```

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

```
.background{ background-color: rgb(144,  
130, 180) }
```

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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