

Converting Colors

XYZ(18.0979, 22.7079, 8.5835)

Have a look what the booklet for
XYZ(18.0979, 22.7079, 8.5835)
contains.

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Color

**XYZ(18.0979, 22.7079,
8.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8A42
RGB	122, 138, 66
RGB Percent	48%, 54%, 26%
CMY	0.5216, 0.4588, 0.7412
CMYK	0.12, 0.00, 0.52, 0.46
HSL	73°, 35%, 40%
HSV	73°, 52%, 54%
XYZ	18.0979, 22.7079, 8.5835
YIQ	125.0080, 13.5760, -25.7840

Conversions

Conversions Part 2

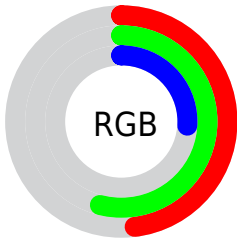
Format	Color
RYB	66, 138, 82
Decimal	8030786
CIELab	54.77, -17.39, 36.26
CIELCh	55, 40.217, 115.624
Yxy	22.7079, 0.3664, 0.4598
Android (android.graphics.Color)	4286220866 (0xFF7A8A42)
YUV	125.0080, -29.0909, -2.6380
Hunter-Lab	47.6528, -15.6005, 22.6773

Details

The XYZ color **18.0979, 22.7079, 8.5835** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.0162, 7.5259, 24.9708**, and the grayscale version is **19.5879, 20.6080, 22.4421**.

A 20% lighter version of the original color is **39.6877, 47.7527, 23.6484**, and **6.1894, 8.3595, 1.8176** is the 20% darker color. If you saturate the color by 10%, you get **17.3119, 22.3449, 6.6733**, and if you desaturate by 10%, it is **18.9969, 23.1193, 11.0125**.

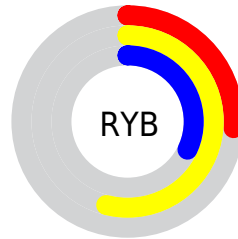
Distribution



Red (48%)

Green (54%)

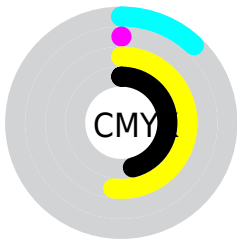
Blue (26%)



Red (26%)

Yellow (54%)

Blue (32%)

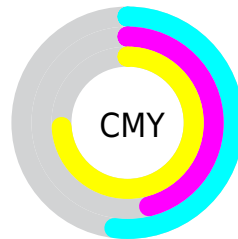


Cyan (12%)

Magenta (0%)

Yellow (52%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0979, 22.7079, 8.5835 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 18.0979, 22.7079, 8.5835 by changing the saturation by 10% instead.

■ 18.0979, 22.7079,
8.5835

■ 18.0979, 22.7079,
8.5835

234.4572,
266.2211, 190.3419

■ 11.1204, 14.3780,
4.3774

■ 39.7328, 47.9133,
23.6594

■ 6.2158, 8.3840,
1.8346

■ 55.1210, 65.5575,
35.3664

■ 3.0186, 4.3416,
0.4506

■ 74.0435, 87.0752,
50.4107

■ 1.1636, 1.8664,
0.0000

■ 96.8655, 112.8509,
69.2109

■ 0.0774, 0.5281,
0.0000

■ 123.9526,
143.2690, 92.1856

■ 0.0000, 0.0000,
0.0000

155.6700,

178.7138, 119.7533

192.3831,
219.5697, 152.3326

■ 18.0979, 22.7079,
8.5835

■ 18.0979, 22.7079,
8.5835

■ 17.3119, 22.3449,
6.6733

■ 18.9969, 23.1193,
11.0125

■ 16.6299, 22.0243,
5.2425

■ 20.0140, 23.5787,
13.9928

■ 16.0442, 21.7438,
4.2487

■ 21.1555, 24.0895,
17.5562

■ 15.5451, 21.4994,
3.6411

■ 22.4272, 24.6540,
21.7314

■ 15.1921, 21.3242,
3.3153

■ 23.8343, 25.2742,
26.5454

■ 25.3817, 25.9523,
32.0235

■ 27.0740, 26.6900,
38.1897

■ 28.9157, 27.4891,
45.0667

■ 30.9111, 28.3514,
52.6762

Harmonies

Analogous

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



22.2411, 22.7079, 7.4818



18.0979, 22.7079, 8.5835



15.2764, 22.7079, 13.3307

Triad

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



18.0979, 22.7079, 8.5835



17.1132, 22.7079, 50.8902



31.2628, 22.7079, 26.6377

Complementary

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



18.0979, 22.7079, 8.5835



10.0162, 7.5259, 24.9708

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.



29.4233, 22.7079, 41.2571



18.0979, 22.7079, 8.5835



20.9384, 22.7079, 57.9905

Square

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



18.0979, 22.7079, 8.5835



14.7649, 22.7079, 36.8767



25.4894, 22.7079, 53.9685



30.2314, 22.7079, 15.5876

Rectangle

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



18.0979, 22.7079, 8.5835



14.3250, 22.7079, 19.1382



25.4894, 22.7079, 53.9685



30.9535, 22.7079, 31.3053

Sweetspot

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



18.0984, 22.7089, 8.5840



38.5669, 43.0281, 35.1014



14.4527, 11.7718, 6.6650



8.5626, 9.6120, 7.5850



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.0984, 22.7089, 8.5840



30.2371, 39.2555, 11.1446



13.9474, 20.5690, 8.3897



5.3242, 5.7899, 5.3893



13.9410, 19.5568, 3.0401



0.1050, 0.1363, 0.0208

Inverse Universe

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



10.0162, 7.5259, 24.9708



14.3554, 9.3624, 43.4337



13.9535, 9.5556, 25.1551



4.8719, 4.9424, 6.3030



4.7262, 1.9506, 22.1731



0.0421, 0.0185, 0.1478

Previews

White Background



This preview shows how the XYZ color 18.0979, 22.7079, 8.5835 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 18.0979, 22.7079, 8.5835 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 18.0979, 22.7079, 8.5835

Background



This preview shows how black text looks on a background with the XYZ color 18.0979, 22.7079, 8.5835.



This preview shows how white text looks on a background with the XYZ color 18.0979, 22.7079,

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

18.0979, 22.7079, 8.5835

Protanopia

20.7188, 22.6225, 8.1251

Deuteranopia

22.9050, 22.5705, 8.7795



Tritanopia

22.0763, 22.6840, 28.0258

Trichromacy



Original Color

18.0979, 22.7079, 8.5835

Protanomaly

19.7958, 22.7502, 8.3489

Deuteranomaly

20.8801, 22.4936, 8.7100

Tritanomaly

20.2703, 22.5565, 18.9083

Monochromacy



Original Color

18.0979, 22.7079, 8.5835

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7935, 21.2498, 16.2078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0979, 22.7079, 8.5835 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(122, 138, 66)` looks like.

```
.text, #text, p{  
    color:rgb(122, 138, 66)  
}
```

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(122, 138, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 138, 66) }
```

Border

The CSS property to change the border of an element to XYZ 18.0979, 22.7079, 8.5835 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(122, 138, 66) }
```


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

```
.border{ border-color:rgb(122, 138, 66) }
```

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

Here you see how a box with a 4 pixel rgb(122, 138, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 138, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 138, 66);  
box-shadow:4px 4px 4px 4px rgb(122, 138,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0979, 22.7079, 8.5835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 138, 66) }
```

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

```
.background{ background-color: rgb(122,  
138, 66) }
```

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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