

Converting Colors

XYZ(26.7425, 38.7357, 23.0172)

Have a look what the booklet for
XYZ(26.7425, 38.7357, 23.0172)
contains.

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Color

**XYZ(26.7818, 38.8803,
22.9227)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB875
RGB	110, 184, 117
RGB Percent	43%, 72%, 46%
CMY	0.5686, 0.2784, 0.5412
CMYK	0.40, 0.00, 0.36, 0.28
HSL	126°, 34%, 58%
HSV	126°, 40%, 72%
XYZ	26.7818, 38.8803, 22.9227
YIQ	154.2360, -22.5970, -36.5250

Conversions

Conversions Part 2

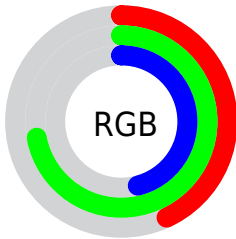
Format	Color
RYB	110, 178, 184
Decimal	7256181
CIELab	68.66, -37.14, 27.00
CIElCh	69, 45.912, 143.986
Yxy	38.8803, 0.3023, 0.4389
Android (android.graphics.Color)	4285446261 (0xFF6EB875)
YUV	154.2360, -18.3573, -38.7950
Hunter-Lab	62.3541, -32.4518, 21.8516

Details

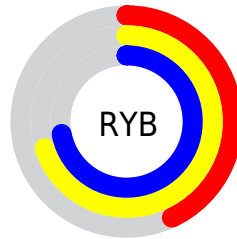
The XYZ color **26.7818, 38.8803, 22.9227** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **33.2802, 24.5174, 44.5748**, and the grayscale version is **30.9049, 32.5144, 35.4082**.

A 20% lighter version of the original color is **54.2280, 73.8122, 49.4193**, and **10.6569, 17.2234, 8.2316** is the 20% darker color. If you saturate the color by 10%, you get **23.8319, 37.4640, 18.1188**, and if you desaturate by 10%, it is **30.3834, 40.6147, 28.6687**.

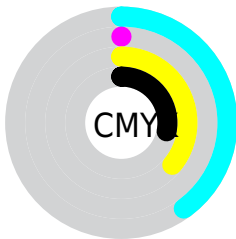
Distribution



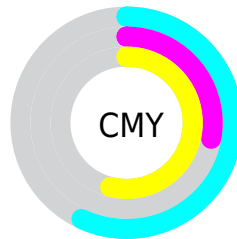
- Red (43%)
- Green (72%)
- Blue (46%)



- Red (43%)
- Yellow (70%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)





- Cyan (57%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7818, 38.8803, 22.9227 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 26.7818, 38.8803, 22.9227 by changing the saturation by 10% instead.


 26.7818, 38.8803,
22.9227


 26.7818, 38.8803,
22.9227


278.7859,
341.3813, 280.4368


 17.5452, 26.6666,
14.3317


 53.9559, 73.4554,
49.1880


 10.7216, 17.3230,
8.2103


 72.6240, 96.5857,
67.6993

 5.9459, 10.4651,
4.1401


 95.1668, 124.1235,
90.3544

 2.8525, 5.7084,
1.7025

 121.9494,
156.4534, 117.5720

 1.0763, 2.6686,
0.3625

153.3372,
193.9598, 149.7704

 0.0051, 0.9613,
0.0000

189.6957,

 0.0000, 0.0000,

237.0269, 187.3683

0.0000

231.3902,
286.0393, 230.7843

■ 26.7818, 38.8803,
22.9227

■ 26.7818, 38.8803,
22.9227

■ 23.8319, 37.4640,
18.1188

■ 30.3834, 40.6147,
28.6687

■ 21.4919, 36.3419,
14.2044

■ 34.6693, 42.6796,
35.4007

■ 19.7197, 35.4946,
11.1256


■ 39.6737, 45.0928,
43.1627


■ 18.4664, 34.8982,
8.8216


■ 45.4274, 47.8694,
51.9956


■ 17.6751, 34.5248,
7.2234

■ 51.9597, 51.0236,
61.9378

 17.2456, 34.3242,
6.2634

 59.2979, 54.5688,
73.0259

 67.4683, 58.5177,
85.2949

 75.6804, 62.4621,
98.7400

 76.4312, 62.7624,
102.6937

Harmonies

Analogous

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



31.5697, 38.8803, 15.3212



26.7818, 38.8803, 22.9227



24.7467, 38.8803, 38.2852

Triad

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



26.7818, 38.8803, 22.9227



35.5124, 38.8803, 95.7807



51.2187, 38.8803, 28.0836

Complementary

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



26.7818, 38.8803, 22.9227



33.2802, 24.5174, 44.5748

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.



52.6334, 38.8803, 46.6587



26.7818, 38.8803, 22.9227



42.9194, 38.8803, 90.3219

Square

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



26.7818, 38.8803, 22.9227



29.3452, 38.8803, 83.5618



49.4235, 38.8803, 70.4326



45.7772, 38.8803, 17.5465

Rectangle

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



26.7818, 38.8803, 22.9227



25.0053, 38.8803, 52.7405



49.4235, 38.8803, 70.4326



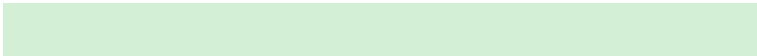
52.2083, 38.8803, 33.3953

Sweetspot

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



26.7828, 38.8819, 22.9236



70.0113, 80.8207, 75.2989



38.2784, 44.8539, 21.3924



14.8324, 17.2976, 15.8297



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.7828, 38.8819, 22.9236



43.8879, 68.2411, 33.9759



29.3356, 39.9030, 36.3663



8.9239, 10.0736, 9.7569



11.8973, 23.6599, 4.3811



0.4310, 0.8387, 0.2154

Inverse Universe

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



33.2802, 24.5174, 44.5748



57.2392, 38.6969, 78.4464



30.1396, 23.2611, 28.0365



9.3433, 9.1477, 11.1553



18.4188, 8.9413, 25.8901



0.6600, 0.3195, 0.9692

Previews

White Background



This preview shows how the XYZ color 26.7818, 38.8803, 22.9227 looks on a white background.

Color Contrast Check

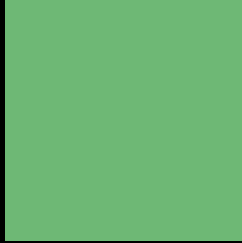
Large Text (above 18pt) WCAG AA × Fail

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 26.7818, 38.8803, 22.9227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

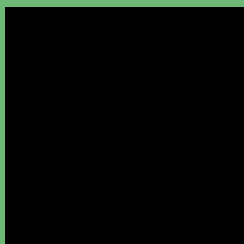
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7818, 38.8803, 22.9227

Background



This preview shows how black text looks on a background with the XYZ color 26.7818, 38.8803, 22.9227.



This preview shows how white text looks on a background with the XYZ color 26.7818, 38.8803,

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

26.7818, 38.8803, 22.9227

Protanopia

35.6892, 38.5870, 20.3189

Deuteranopia

39.1096, 38.4171, 23.7663



Tritanopia

32.9727, 38.6940, 53.8750

Trichromacy



Original Color

26.7818, 38.8803, 22.9227

Protanomaly

31.4418, 38.0480, 21.3096

Deuteranomaly

33.0952, 37.7313, 23.3079

Tritanomaly

30.2770, 38.4782, 40.4816

Monochromacy



Original Color

26.7818, 38.8803, 22.9227

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

28.7441, 34.2366, 30.2927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7818, 38.8803, 22.9227 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(110, 184, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 184, 117)  
}
```

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(110, 184, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 184, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.7818, 38.8803, 22.9227 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(110, 184, 117) }
```


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

```
.border{ border-color:rgb(110, 184, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 184, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 184, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 184, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 184,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7818, 38.8803, 22.9227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 184, 117) }
```

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

```
.background{ background-color: rgb(110,  
184, 117) }
```

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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