

Converting Colors

XYZ(26.2450, 39.4626, 26.6078)

Have a look what the booklet for
XYZ(26.2450, 39.4626, 26.6078)
contains.

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Color

**XYZ(26.2827, 39.4788,
26.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	5EBB80
RGB	94, 187, 128
RGB Percent	37%, 73%, 50%
CMY	0.6314, 0.2667, 0.4980
CMYK	0.50, 0.00, 0.32, 0.27
HSL	142°, 41%, 55%
HSV	142°, 50%, 73%
XYZ	26.2827, 39.4788, 26.6570
YIQ	152.4670, -36.4890, -38.0650

Conversions

Conversions Part 2

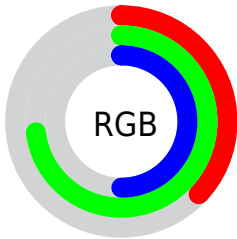
Format	Color
RYB	94, 162, 187
Decimal	6208384
CIELab	69.10, -41.05, 21.60
CIELCh	69, 46.386, 152.244
Yxy	39.4788, 0.2844, 0.4272
Android (android.graphics.Color)	4284398464 (0xFF5EBB80)
YUV	152.4670, -12.0622, -51.2756
Hunter-Lab	62.8322, -35.2897, 18.8283

Details

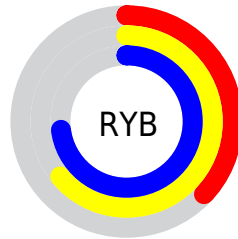
The XYZ color **26.2827, 39.4788, 26.6570** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.2473, 20.8710, 32.5728**, and the grayscale version is **30.1097, 31.6777, 34.4970**.

A 20% lighter version of the original color is **53.2689, 74.5216, 55.2926**, and **10.4558, 17.6824, 10.0697** is the 20% darker color. If you saturate the color by 10%, you get **23.8568, 38.3143, 22.7031**, and if you desaturate by 10%, it is **29.2666, 40.9226, 31.1154**.

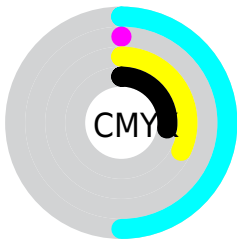
Distribution



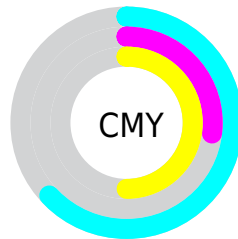
- Red (37%)
- Green (73%)
- Blue (50%)



- Red (37%)
- Yellow (64%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)





- Cyan (63%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2827, 39.4788, 26.6570 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 26.2827, 39.4788, 26.6570 by changing the saturation by 10% instead.


 26.2827, 39.4788,
26.6570


 26.2827, 39.4788,
26.6570


276.3984,
343.9219, 299.7000


 17.1690, 27.1324,
17.0856


 53.1587, 74.3692,
55.3300

 10.4511, 17.6727,
10.1330


 71.6518, 97.6820,
75.2687

 5.7636, 10.7153,
5.3804


 94.0020, 125.4190,
99.5003

 2.7412, 5.8757,
2.4096

 120.5748,
157.9647, 128.4433

 1.0184, 2.7696,
0.7916

151.7355,
195.7035, 162.5162

 0.0000, 1.0127,
0.0000

187.8494,

 0.0000, 0.0000,

239.0196, 202.1376

0.0000

229.2819,
288.2976, 247.7260

■ 26.2827, 39.4788,
26.6570

■ 26.2827, 39.4788,
26.6570

■ 23.8568, 38.3143,
22.7031

■ 29.2666, 40.9226,
31.1154

■ 21.9484, 37.4053,
19.2330

■ 32.8389, 42.6577,
36.0927

■ 20.5165, 36.7322,
16.2282


■ 37.0318, 44.7015,
41.6061


■ 19.5118, 36.2698,
13.6682

■ 41.8739, 47.0685,
47.6713


■ 18.8417, 35.9710,
11.5288


■ 47.3920, 49.7721,
54.3031

 18.8256, 35.9639,
11.4770

 53.6115, 52.8252,
61.5159

 60.5565, 56.2398,
69.3235

 68.2496, 60.0275,
77.7392

 73.9741, 62.7873,
86.6479

Harmonies

Analogous

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



30.4290, 39.4788, 16.9015



26.2827, 39.4788, 26.6570



25.0202, 39.4788, 44.6021

Triad

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



26.2827, 39.4788, 26.6570



38.0837, 39.4788, 97.9507



50.8977, 39.4788, 24.6962

Complementary

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



26.2827, 39.4788, 26.6570



30.2473, 20.8710, 32.5728

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.



53.6217, 39.4788, 41.4088



26.2827, 39.4788, 26.6570



45.6427, 39.4788, 87.5115

Square

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



26.2827, 39.4788, 26.6570



31.2765, 39.4788, 90.1012



51.5839, 39.4788, 64.9055



44.5513, 39.4788, 16.0590

Rectangle

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



26.2827, 39.4788, 26.6570



25.8291, 39.4788, 60.3406



51.5839, 39.4788, 64.9055



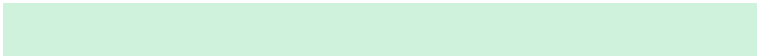
52.3024, 39.4788, 29.3252

Sweetspot

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



26.2837, 39.4804, 26.6579



70.0680, 81.8873, 79.2667



33.2043, 43.2648, 17.1910



15.0344, 17.8396, 16.9565



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.



26.2837, 39.4804, 26.6579



42.2538, 68.3923, 39.8441



29.9353, 40.9410, 45.8868



9.5491, 10.7058, 10.8750



13.0025, 24.7913, 8.0761



0.5411, 0.9838, 0.4837

Inverse Universe

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



30.2473, 20.8710, 32.5728



50.1668, 31.1314, 51.5729



27.2014, 19.6527, 16.5337



9.7779, 9.6355, 11.2196



16.4351, 8.2052, 12.8507



0.6742, 0.3336, 0.6636

Previews

White Background



This preview shows how the XYZ color 26.2827, 39.4788, 26.6570 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 26.2827, 39.4788, 26.6570 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 26.2827, 39.4788, 26.6570

Background



This preview shows how black text looks on a background with the XYZ color 26.2827, 39.4788, 26.6570.



This preview shows how white text looks on a background with the XYZ color 26.2827, 39.4788,

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

26.2827, 39.4788, 26.6570

Protanopia

36.2045, 38.7931, 23.0324

Deuteranopia

39.5536, 38.8131, 27.9612



Tritanopia

32.3013, 39.4700, 56.3681

Trichromacy



Original Color

26.2827, 39.4788, 26.6570



Protanomaly

31.0433, 38.0668, 24.1238



Deuteranomaly

32.6401, 37.6845, 27.3833



Tritanomaly

29.7151, 39.3237, 43.5602

Monochromacy



Original Color

26.2827, 39.4788, 26.6570



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.7731, 33.7187, 31.0312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2827, 39.4788, 26.6570 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(94, 187, 128)` looks like.

```
.text, #text, p{  
    color:rgb(94, 187, 128)  
}
```

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(94, 187, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 187, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.2827, 39.4788, 26.6570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

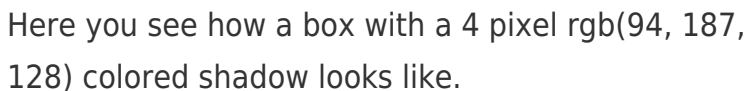
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 187, 128) }
```


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

```
.border{ border-color:rgb(94, 187, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 187, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 187, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 187, 128);  
box-shadow:4px 4px 4px 4px rgb(94, 187,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2827, 39.4788, 26.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 187, 128) }
```

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

```
.background{ background-color: rgb(94, 187,  
128) }
```

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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