

Converting Colors

XYZ(25.3743, 39.2784, 27.7467)

Have a look what the booklet for
XYZ(25.3743, 39.2784, 27.7467)
contains.

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Color

**XYZ(25.3882, 39.3106,
27.7223)**

Conversions

Conversions Part 1

Format	Color
Hex	50BC83
RGB	80, 188, 131
RGB Percent	31%, 74%, 51%
CMY	0.6863, 0.2627, 0.4863
CMYK	0.57, 0.00, 0.30, 0.26
HSL	148°, 45%, 53%
HSV	148°, 57%, 74%
XYZ	25.3882, 39.3106, 27.7223
YIQ	149.2100, -46.0710, -40.6230

Conversions

Conversions Part 2

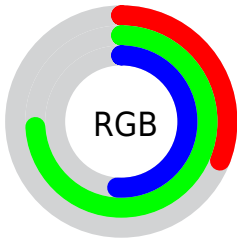
Format	Color
RYB	80, 153, 188
Decimal	5291139
CIELab	68.98, -44.27, 19.75
CIElCh	69, 48.471, 155.957
Yxy	39.3106, 0.2747, 0.4253
Android (android.graphics.Color)	4283481219 (0xFF50BC83)
YUV	149.2100, -8.9775, -60.6972
Hunter-Lab	62.6982, -37.4423, 17.6734

Details

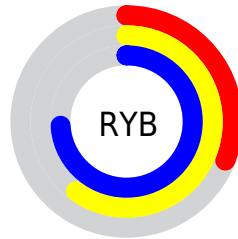
The XYZ color **25.3882, 39.3106, 27.7223** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **28.1243, 18.2357, 25.7058**, and the grayscale version is **28.7069, 30.2018, 32.8898**.

A 20% lighter version of the original color is **51.7854, 74.1688, 56.9340**, and **10.0103, 17.6443, 10.6627** is the 20% darker color. If you saturate the color by 10%, you get **23.3769, 38.3488, 24.2846**, and if you desaturate by 10%, it is **27.9101, 40.5303, 31.5219**.

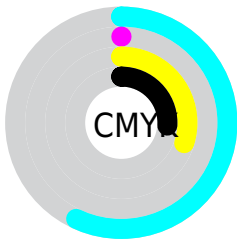
Distribution



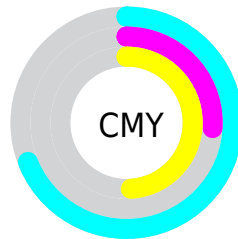
- Red (31%)
- Green (74%)
- Blue (51%)



- Red (31%)
- Yellow (60%)
- Blue (74%)



- Cyan (57%)
- Magenta (0%)
- Yellow (30%)
- Black (26%)





- Cyan (69%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3882, 39.3106, 27.7223 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 25.3882, 39.3106, 27.7223 by changing the saturation by 10% instead.


 25.3882, 39.3106,
27.7223


 25.3882, 39.3106,
27.7223


272.0778,
343.2092, 305.0076


 16.4968, 27.0014,
17.8792

 51.7247, 74.1126,
57.0585


 9.9694, 17.5743,
10.6948


 69.9004, 97.3742,
77.3887

 5.4408, 10.6448,
5.7504


 91.9017, 125.0554,
102.0518

 2.5455, 5.8285,
2.6276

 118.0938,
157.5406, 131.4661

 0.9183, 2.7411,
0.9066

148.8421,
195.2142, 166.0503

 0.0000, 0.9981,
0.0000

184.5120,

 0.0000, 0.0000,

238.4605, 206.2230

0.0000

225.4688,
287.6641, 252.4026

■ 25.3882, 39.3106,
27.7223

■ 25.3882, 39.3106,
27.7223

■ 23.3769, 38.3488,
24.2846

■ 27.9101, 40.5303,
31.5219

■ 21.8332, 37.6198,
21.1948

■ 30.9748, 42.0211,
35.6913

■ 20.7117, 37.1014,
18.4418

■ 34.6156, 43.8010,
40.2417

■ 19.9458, 36.7596,
16.0122

■ 38.8619, 45.8851,
45.1828

■ 19.7778, 36.6854,
15.4409

■ 43.7413, 48.2874,
50.5240

■ 49.2795, 51.0209,
56.2743

■ 55.5006, 54.0979,
62.4424

■ 62.4277, 57.5302,
69.0369

■ 70.0827, 61.3288,
76.0659

Harmonies

Analogous

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



29.3130, 39.3106, 16.8018



25.3882, 39.3106, 27.7223



24.4667, 39.3106, 47.3642

Triad

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



25.3882, 39.3106, 27.7223



38.9241, 39.3106, 100.4837



50.7029, 39.3106, 22.3901

Complementary

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



25.3882, 39.3106, 27.7223



28.1243, 18.2357, 25.7058

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.



54.1441, 39.3106, 38.5436



25.3882, 39.3106, 27.7223



46.7677, 39.3106, 87.2215

Square

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



25.3882, 39.3106, 27.7223



31.6399, 39.3106, 94.5010



52.6132, 39.3106, 62.5490



43.7389, 39.3106, 14.5474

Rectangle

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



25.3882, 39.3106, 27.7223



25.5503, 39.3106, 64.2190



52.6132, 39.3106, 62.5490



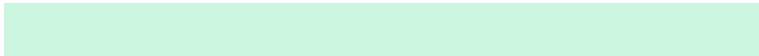
52.3507, 39.3106, 26.7711

Sweetspot

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



25.3892, 39.3122, 27.7232



70.5678, 83.2251, 82.0406



29.8476, 41.9166, 14.1074



14.8233, 17.7242, 17.2436



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.



25.3892, 39.3122, 27.7232



41.5347, 69.1043, 42.4469



29.9865, 41.1511, 51.9319



9.5913, 10.7226, 11.0971



13.5022, 24.9912, 10.7073



0.5620, 0.9921, 0.5935

Inverse Universe

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



28.1243, 18.2357, 25.7058



46.9581, 27.2480, 38.3996



25.1934, 17.0633, 10.2717



9.7349, 9.6182, 10.9928



15.6987, 7.9106, 8.9731



0.6478, 0.3230, 0.5243

Previews

White Background



This preview shows how the XYZ color 25.3882, 39.3106, 27.7223 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 25.3882, 39.3106, 27.7223 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 25.3882, 39.3106, 27.7223

Background



This preview shows how black text looks on a background with the XYZ color 25.3882, 39.3106, 27.7223.



This preview shows how white text looks on a background with the XYZ color 25.3882, 39.3106,

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

25.3882, 39.3106, 27.7223

Protanopia

36.1540, 38.7459, 23.9855

Deuteranopia

39.5084, 38.7652, 29.0670



Tritanopia

31.2045, 39.1902, 56.9588

Trichromacy



Original Color

25.3882, 39.3106, 27.7223



Protanomaly

30.5332, 38.0699, 25.1410



Deuteranomaly

32.0730, 37.6474, 28.4979



Tritanomaly

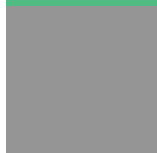
28.6978, 39.0826, 44.5592

Monochromacy



Original Color

25.3882, 39.3106, 27.7223



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.2919, 32.4325, 30.4655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3882, 39.3106, 27.7223 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(80, 188, 131)` looks like.

```
.text, #text, p{  
    color:rgb(80, 188, 131)  
}
```

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(80, 188, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 188, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.3882, 39.3106, 27.7223 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(80, 188, 131) }
```


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

```
.border{ border-color:rgb(80, 188, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 188, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 188, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 188, 131);  
box-shadow:4px 4px 4px 4px rgb(80, 188,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3882, 39.3106, 27.7223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 188, 131) }
```

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

```
.background{ background-color: rgb(80, 188,  
131) }
```

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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