

Converting Colors

XYZ(26.1890, 39.4316, 26.5903)

Have a look what the booklet for
XYZ(26.1890, 39.4316, 26.5903)
contains.

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Color

**XYZ(26.1808, 39.4263,
26.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	5DBB80
RGB	93, 187, 128
RGB Percent	36%, 73%, 50%
CMY	0.6353, 0.2667, 0.4980
CMYK	0.50, 0.00, 0.32, 0.27
HSL	142°, 41%, 55%
HSV	142°, 50%, 73%
XYZ	26.1808, 39.4263, 26.6522
YIQ	152.1680, -37.0850, -38.2770

Conversions

Conversions Part 2

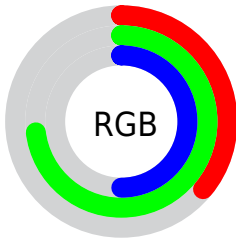
Format	Color
RYB	93, 161, 187
Decimal	6142848
CIELab	69.06, -41.31, 21.54
CIElCh	69, 46.589, 152.455
Yxy	39.4263, 0.2838, 0.4273
Android (android.graphics.Color)	4284332928 (0xFF5DBB80)
YUV	152.1680, -11.9148, -51.8903
Hunter-Lab	62.7904, -35.4565, 18.7868

Details

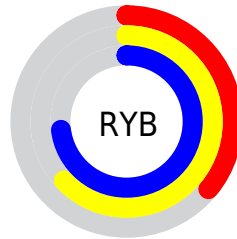
The XYZ color **26.1808, 39.4263, 26.6522** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.0766, 20.6614, 32.1101**, and the grayscale version is **29.9797, 31.5410, 34.3482**.

A 20% lighter version of the original color is **53.0856, 74.4271, 55.2840**, and **10.3899, 17.6484, 10.0666** is the 20% darker color. If you saturate the color by 10%, you get **23.7861, 38.2771, 22.7382**, and if you desaturate by 10%, it is **29.1297, 40.8531, 31.0604**.

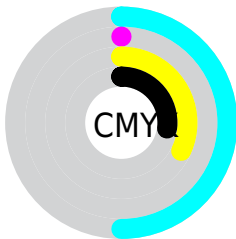
Distribution



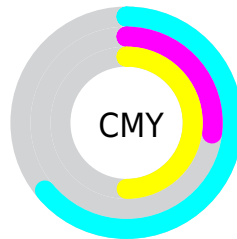
- Red (36%)
- Green (73%)
- Blue (50%)



- Red (36%)
- Yellow (63%)
- Blue (73%)



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



- Cyan (64%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1808, 39.4263, 26.6522 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 26.1808, 39.4263, 26.6522 by changing the saturation by 10% instead.

■ 26.1808, 39.4263,
26.6522

■ 26.1808, 39.4263,
26.6522

275.9089,
343.6995, 299.6759

■ 17.0923, 27.0915,
17.0821

■ 52.9957, 74.2891,
55.3222

■ 10.3961, 17.6420,
10.1304

■ 71.4529, 97.5859,
75.2591

■ 5.7266, 10.6932,
5.3788

■ 93.7636, 125.3056,
99.4887

■ 2.7186, 5.8610,
2.4086

■ 120.2933,
157.8324, 128.4296

■ 1.0068, 2.7607,
0.7911

151.4074,
195.5508, 162.5002

■ 0.0000, 1.0081,
0.0000

187.4711,

■ 0.0000, 0.0000,

238.8452, 202.1190

0.0000

228.8498,
288.1000, 247.7048

■ 26.1808, 39.4263,
26.6522

■ 26.1808, 39.4263,
26.6522

■ 23.7861, 38.2771,
22.7382

■ 29.1297, 40.8531,
31.0604

■ 21.9053, 37.3816,
19.2982

■ 32.6636, 42.5697,
35.9769

■ 20.4969, 36.7202,
16.3144

■ 36.8143, 44.5934,
41.4182

■ 19.5114, 36.2675,
13.7667

■ 41.6108, 46.9386,
47.3997

■ 18.8648, 35.9796,
11.6834

■ 47.0797, 49.6190,
53.9357

■ 53.2466, 52.6472,
61.0403

■ 60.1352, 56.0355,
68.7269

■ 67.7686, 59.7952,
77.0085

■ 73.8107, 62.7219,
85.7873

Harmonies

Analogous

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



30.3183, 39.4263, 16.8333



26.1808, 39.4263, 26.6522



24.9364, 39.4263, 44.7051

Triad

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



26.1808, 39.4263, 26.6522



38.0888, 39.4263, 98.1492



50.8665, 39.4263, 24.5035

Complementary

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



26.1808, 39.4263, 26.6522



30.0766, 20.6614, 32.1101

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.



53.6345, 39.4263, 41.1997



26.1808, 39.4263, 26.6522



45.6743, 39.4263, 87.5320

Square

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



26.1808, 39.4263, 26.6522



31.2479, 39.4263, 90.3805



51.6204, 39.4263, 64.7638



44.4755, 39.4263, 15.9118

Rectangle

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



26.1808, 39.4263, 26.6522



25.7609, 39.4263, 60.5284



51.6204, 39.4263, 64.7638



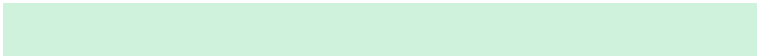
52.2870, 39.4263, 29.1211

Sweetspot

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



26.1818, 39.4279, 26.6531



70.1004, 81.9003, 79.4371



32.7964, 43.0597, 16.9391



15.0424, 17.8428, 16.9985



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.



26.1818, 39.4279, 26.6531



42.3331, 68.4241, 40.2621



29.9713, 40.9437, 46.6083



9.5517, 10.7068, 10.8889



13.0299, 24.8022, 8.2200



0.5423, 0.9843, 0.4901

Inverse Universe

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



30.0766, 20.6614, 32.1101



50.0606, 31.0889, 51.0135



26.9863, 19.4252, 15.8364



9.7752, 9.6344, 11.2051



16.3836, 8.1846, 12.5794



0.6724, 0.3329, 0.6542

Previews

White Background



This preview shows how the XYZ color 26.1808, 39.4263, 26.6522 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 26.1808, 39.4263, 26.6522 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 26.1808, 39.4263, 26.6522

Background



This preview shows how black text looks on a background with the XYZ color 26.1808, 39.4263, 26.6522.



This preview shows how white text looks on a background with the XYZ color 26.1808, 39.4263,

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

26.1808, 39.4263, 26.6522

Protanopia

35.9709, 38.6726, 23.0215

Deuteranopia

39.5536, 38.8131, 27.9612



Tritanopia

32.1761, 39.4055, 56.3622

Trichromacy



Original Color

26.1808, 39.4263, 26.6522



Protanomaly

30.8616, 37.9731, 24.1153



Deuteranomaly

32.6401, 37.6845, 27.3833



Tritanomaly

29.5983, 39.2635, 43.5547

Monochromacy



Original Color

26.1808, 39.4263, 26.6522



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 26.1808, 39.4263, 26.6522 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(93, 187, 128)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 187, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 187, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.1808, 39.4263, 26.6522 is called "border". The border property can be set on classes, ids or directly on the HTML element.

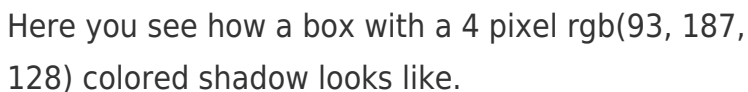
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 187, 128) }
```


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

```
.border{ border-color:rgb(93, 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(93, 187, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 187, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 187, 128); box-shadow:4px 4px 4px 4px rgb(93, 187, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1808, 39.4263, 26.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 187, 128) }
```

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

```
.background{ background-color: rgb(93, 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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