

Converting Colors

XYZ(26.1605, 39.8145, 26.0836)

Have a look what the booklet for
XYZ(26.1605, 39.8145, 26.0836)
contains.

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Color

**XYZ(26.0635, 39.6969,
26.0273)**

Conversions

Conversions Part 1

Format	Color
Hex	5BBC7E
RGB	91, 188, 126
RGB Percent	36%, 74%, 49%
CMY	0.6431, 0.2627, 0.5059
CMYK	0.52, 0.00, 0.33, 0.26
HSL	142°, 42%, 55%
HSV	142°, 52%, 74%
XYZ	26.0635, 39.6969, 26.0273
YIQ	151.9290, -37.9100, -39.8460

Conversions

Conversions Part 2

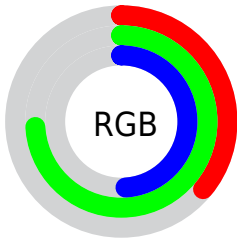
Format	Color
RYB	91, 162, 188
Decimal	6012030
CIELab	69.25, -42.63, 22.86
CIELCh	69, 48.376, 151.794
Yxy	39.6969, 0.2840, 0.4325
Android (android.graphics.Color)	4284202110 (0xFF5BBC7E)
YUV	151.9290, -12.7830, -53.4347
Hunter-Lab	63.0055, -36.4194, 19.6114

Details

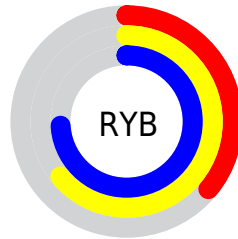
The XYZ color **26.0635, 39.6969, 26.0273** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.2311, 20.4743, 32.4969**, and the grayscale version is **29.8803, 31.4365, 34.2343**.

A 20% lighter version of the original color is **52.8217, 74.7625, 54.2944**, and **10.3363, 17.8332, 9.7349** is the 20% darker color. If you saturate the color by 10%, you get **23.7079, 38.5679, 22.1100**, and if you desaturate by 10%, it is **28.9786, 41.1057, 30.4588**.

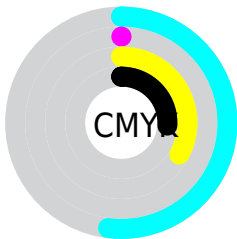
Distribution



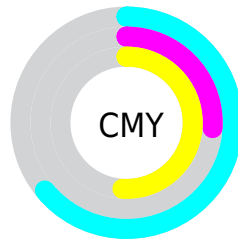
- Red (36%)
- Green (74%)
- Blue (49%)



- Red (36%)
- Yellow (64%)
- Blue (74%)



- Cyan (52%)
- Magenta (0%)
- Yellow (33%)
- Black (26%)



- Cyan (64%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0635, 39.6969, 26.0273 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 26.0635, 39.6969, 26.0273 by changing the saturation by 10% instead.

■ 26.0635, 39.6969,
26.0273

■ 26.0635, 39.6969,
26.0273

275.3446,
344.8444, 296.5258

■ 17.0041, 27.3023,
16.6181

■ 52.8079, 74.7017,
54.3036

■ 10.3327, 17.8004,
9.8035

■ 71.2237, 98.0808,
74.0078

■ 5.6841, 10.8068,
5.1650

■ 93.4889, 125.8901,
97.9808

■ 2.6928, 5.9371,
2.2840

■ 119.9689,
158.5140, 126.6410

■ 0.9935, 2.8068,
0.7222

151.0292,
196.3371, 160.4071

■ 0.0000, 1.0317,
0.0000

187.0350,

■ 0.0000, 0.0000,

239.7435, 199.6976

0.0000

228.3517,
289.1178, 244.9310

■ 26.0635, 39.6969,
26.0273

■ 26.0635, 39.6969,
26.0273

■ 23.7079, 38.5679,
22.1100

■ 28.9786, 41.1057,
30.4588

■ 21.8700, 37.6944,
18.6853

■ 32.4848, 42.8071,
35.4197

■ 20.5070, 37.0556,
15.7337

■ 36.6152, 44.8187,
40.9279

■ 19.5670, 36.6254,
13.2336

■ 41.3992, 47.1555,
46.9997

■ 19.0223, 36.3832,
11.4627

■ 46.8644, 49.8314,
53.6507

■ 53.0369, 52.8595,
60.8958

■ 59.9413, 56.2522,
68.7493

■ 67.6009, 60.0212,
77.2253

■ 74.0972, 63.1772,
86.2463

Harmonies

Analogous

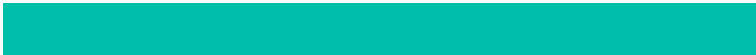
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.4118, 39.6969, 16.1510



26.0635, 39.6969, 26.0273



24.7105, 39.6969, 44.5727

Triad

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



26.0635, 39.6969, 26.0273



38.1990, 39.6969, 101.4486



51.8661, 39.6969, 24.4122

Complementary

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



26.0635, 39.6969, 26.0273



30.2311, 20.4743, 32.4969

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.



54.6704, 39.6969, 41.9012



26.0635, 39.6969, 26.0273



46.1387, 39.6969, 90.5886

Square

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



26.0635, 39.6969, 26.0273



31.1168, 39.6969, 92.7937



52.4448, 39.6969, 66.6945



45.2211, 39.6969, 15.4679

Rectangle

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



26.0635, 39.6969, 26.0273



25.5169, 39.6969, 61.0821



52.4448, 39.6969, 66.6945



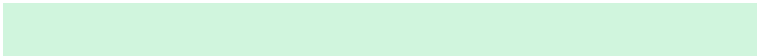
53.3272, 39.6969, 29.2362

Sweetspot

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



26.0645, 39.6985, 26.0282



71.7219, 83.8434, 81.0402



33.2088, 43.5984, 16.5630



15.0288, 17.8373, 16.9270



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.



26.0645, 39.6985, 26.0282



42.4371, 69.6437, 39.1350



29.8853, 41.2268, 46.1479



9.5472, 10.7050, 10.8651



12.9836, 24.7837, 7.9763



0.5402, 0.9835, 0.4792

Inverse Universe

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



30.2311, 20.4743, 32.4969



50.8011, 30.9287, 52.0281



27.0594, 19.2056, 15.7947



9.7799, 9.6362, 11.2298



16.4718, 8.2199, 13.0443



0.6755, 0.3341, 0.6703

Previews

White Background



This preview shows how the XYZ color 26.0635, 39.6969, 26.0273 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 26.0635, 39.6969, 26.0273 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 26.0635, 39.6969, 26.0273

Background



This preview shows how black text looks on a background with the XYZ color 26.0635, 39.6969, 26.0273.



This preview shows how white text looks on a background with the XYZ color 26.0635, 39.6969,

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

26.0635, 39.6969, 26.0273

Protanopia

36.2696, 39.1134, 22.4676

Deuteranopia

39.6747, 38.8914, 27.2455



Tritanopia

32.3655, 39.7888, 57.0131

Trichromacy



Original Color

26.0635, 39.6969, 26.0273



Protanomaly

30.9329, 38.3119, 23.5339



Deuteranomaly

32.6927, 38.0066, 26.7320



Tritanomaly

29.5744, 39.5563, 43.6125

Monochromacy



Original Color

26.0635, 39.6969, 26.0273



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.6190, 33.6393, 31.0240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0635, 39.6969, 26.0273 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(91, 188, 126)` looks like.

```
.text, #text, p{  
    color:rgb(91, 188, 126)  
}
```

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(91, 188, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 188, 126) }
```

Border

The CSS property to change the border of an element to XYZ 26.0635, 39.6969, 26.0273 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(91, 188, 126) }
```


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

```
.border{ border-color:rgb(91, 188, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 188, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 188, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 188, 126);  
box-shadow:4px 4px 4px 4px rgb(91, 188,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0635, 39.6969, 26.0273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 188, 126) }
```

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

```
.background{ background-color: rgb(91, 188,  
126) }
```

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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