

Converting Colors

XYZ(25.6695, 39.7001, 26.2104)

Have a look what the booklet for
XYZ(25.6695, 39.7001, 26.2104)
contains.

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Color

**XYZ(25.7098, 39.8328,
26.0721)**

Conversions

Conversions Part 1

Format	Color
Hex	55BD7E
RGB	85, 189, 126
RGB Percent	33%, 74%, 49%
CMY	0.6667, 0.2588, 0.5059
CMYK	0.55, 0.00, 0.33, 0.26
HSL	144°, 44%, 54%
HSV	144°, 55%, 74%
XYZ	25.7098, 39.8328, 26.0721
YIQ	150.7220, -41.7610, -41.6410

Conversions

Conversions Part 2

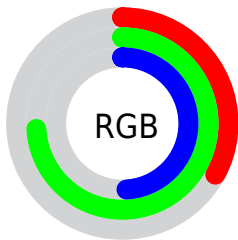
Format	Color
RYB	85, 160, 189
Decimal	5619070
CIELab	69.35, -44.53, 22.96
CIELCh	69, 50.098, 152.721
Yxy	39.8328, 0.2806, 0.4348
Android (android.graphics.Color)	4283809150 (0xFF55BD7E)
YUV	150.7220, -12.1879, -57.6382
Hunter-Lab	63.1132, -37.7344, 19.6865

Details

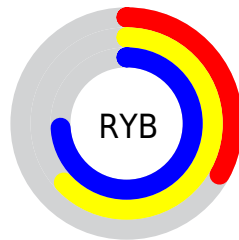
The XYZ color **25.7098, 39.8328, 26.0721** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **29.5813, 19.4548, 30.2145**, and the grayscale version is **29.3606, 30.8897, 33.6389**.

A 20% lighter version of the original color is **52.2478, 74.9170, 54.3545**, and **10.1655, 17.9513, 9.7666** is the 20% darker color. If you saturate the color by 10%, you get **23.5208, 38.7859, 22.3317**, and if you desaturate by 10%, it is **28.4437, 41.1530, 30.2812**.

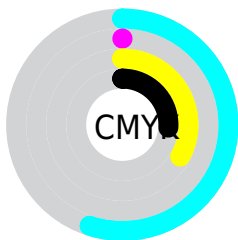
Distribution



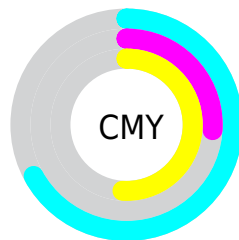
- Red (33%)
- Green (74%)
- Blue (49%)



- Red (33%)
- Yellow (63%)
- Blue (74%)



- Cyan (55%)
- Magenta (0%)
- Yellow (33%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7098, 39.8328, 26.0721 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 25.7098, 39.8328, 26.0721 by changing the saturation by 10% instead.

■ 25.7098, 39.8328,
26.0721

■ 25.7098, 39.8328,
26.0721

273.6375,
345.4183, 296.7526

■ 16.7382, 27.4082,
16.6513

■ 52.2411, 74.9088,
54.3767

■ 10.1422, 17.8800,
9.8269

■ 70.5314, 98.3291,
74.0977

■ 5.5563, 10.8639,
5.1802

■ 92.6588, 126.1833,
98.0892

■ 2.6153, 5.9754,
2.2928

■ 118.9884,
158.8559, 126.7696

■ 0.9538, 2.8301,
0.7272

149.8858,
196.7314, 160.5577

■ 0.0000, 1.0437,
0.0000

185.7162,

■ 0.0000, 0.0000,

240.1940, 199.8718

0.0000

226.8450,
289.6282, 245.1306

■ 25.7098, 39.8328,
26.0721

■ 25.7098, 39.8328,
26.0721

■ 23.5208, 38.7859,
22.3317

■ 28.4437, 41.1530,
30.2812

■ 21.8333, 37.9871,
19.0406

■ 31.7554, 42.7598,
34.9720

■ 20.6021, 37.4144,
16.1819

■ 35.6786, 44.6715,
40.1605

■ 19.7715, 37.0395,
13.7363

■ 40.2436, 46.9034,
45.8610

■ 19.4516, 36.8979,
12.6657

■ 45.4786, 49.4697,
52.0873

■ 51.4099, 52.3839,
58.8525

■ 58.0627, 55.6584,
66.1694

■ 65.4606, 59.3054,
74.0504

■ 73.5876, 63.3164,
82.5054

Harmonies

Analogous

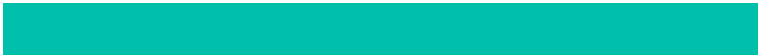
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.0996, 39.8328, 15.7591



25.7098, 39.8328, 26.0721



24.4166, 39.8328, 45.5080

Triad

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



25.7098, 39.8328, 26.0721



38.5988, 39.8328, 104.3692



52.4202, 39.8328, 23.5631

Complementary

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



25.7098, 39.8328, 26.0721



29.5813, 19.4548, 30.2145

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.



55.5061, 39.8328, 41.3022



25.7098, 39.8328, 26.0721



46.8510, 39.8328, 92.3312

Square

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



25.7098, 39.8328, 26.0721



31.2042, 39.8328, 95.8548



53.3376, 39.8328, 67.0058



45.4004, 39.8328, 14.7124

Rectangle

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



25.7098, 39.8328, 26.0721



25.3102, 39.8328, 62.8284



53.3376, 39.8328, 67.0058



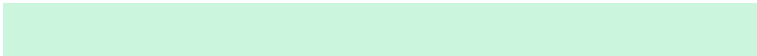
53.9936, 39.8328, 28.4133

Sweetspot

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



25.7108, 39.8344, 26.0730



70.1347, 83.0518, 79.7599



32.2574, 43.4549, 15.2823



14.7211, 17.6833, 16.7052



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.



25.7108, 39.8344, 26.0730



41.4404, 69.1377, 38.7341



29.8677, 41.4972, 47.9626



9.5604, 10.7103, 10.9343



13.1224, 24.8392, 8.7074



0.5464, 0.9859, 0.5114

Inverse Universe

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



29.5813, 19.4548, 30.2145



49.0489, 28.9392, 46.7738



26.3998, 18.1822, 13.4605



9.7663, 9.6308, 11.1584



16.2211, 8.1196, 11.7240



0.6667, 0.3306, 0.6242

Previews

White Background



This preview shows how the XYZ color 25.7098, 39.8328, 26.0721 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 25.7098, 39.8328, 26.0721 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 25.7098, 39.8328, 26.0721

Background



This preview shows how black text looks on a background with the XYZ color 25.7098, 39.8328, 26.0721.



This preview shows how white text looks on a background with the XYZ color 25.7098, 39.8328,

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

25.7098, 39.8328, 26.0721

Protanopia

36.5049, 39.2347, 22.4787

Deuteranopia

39.9357, 39.0260, 27.2577



Tritanopia

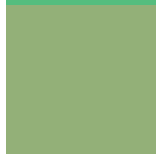
31.8805, 39.5257, 57.5787

Trichromacy



Original Color

25.7098, 39.8328, 26.0721



Protanomaly

30.9481, 38.6098, 23.5906



Deuteranomaly

32.3025, 37.8054, 26.7138



Tritanomaly

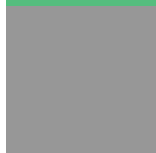
29.1189, 39.3106, 44.0832

Monochromacy



Original Color

25.7098, 39.8328, 26.0721



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.0900, 33.3753, 30.6055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7098, 39.8328, 26.0721 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(85, 189, 126)` looks like.

```
.text, #text, p{  
    color:rgb(85, 189, 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(85, 189, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 189, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.7098, 39.8328, 26.0721 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(85, 189, 126) }
```


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

```
.border{ border-color:rgb(85, 189, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 189, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 189, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 189, 126);  
box-shadow:4px 4px 4px 4px rgb(85, 189,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7098, 39.8328, 26.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 189, 126) }
```

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

```
.background{ background-color: rgb(85, 189,  
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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