

Converting Colors

XYZ(26.8312, 40.0194, 25.3625)

Have a look what the booklet for
XYZ(26.8312, 40.0194, 25.3625)
contains.

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Color

**XYZ(26.8768, 40.1310,
25.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	64BC7C
RGB	100, 188, 124
RGB Percent	39%, 74%, 49%
CMY	0.6078, 0.2627, 0.5137
CMYK	0.47, 0.00, 0.34, 0.26
HSL	136°, 40%, 56%
HSV	136°, 47%, 74%
XYZ	26.8768, 40.1310, 25.3983
YIQ	154.3920, -31.9040, -38.5600

Conversions

Conversions Part 2

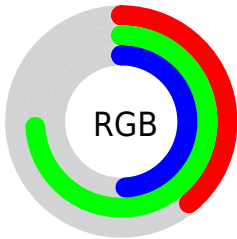
Format	Color
RYB	100, 169, 188
Decimal	6601852
CIELab	69.56, -40.62, 24.41
CIELCh	70, 47.390, 149.001
Yxy	40.1310, 0.2909, 0.4343
Android (android.graphics.Color)	4284791932 (0xFF64BC7C)
YUV	154.3920, -14.9833, -47.7018
Hunter-Lab	63.3490, -35.1294, 20.5734

Details

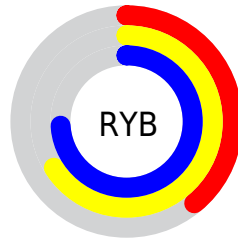
The XYZ color **26.8768, 40.1310, 25.3983** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **31.9983, 22.4868, 37.7770**, and the grayscale version is **30.9622, 32.5746, 35.4738**.

A 20% lighter version of the original color is **54.1058, 75.4477, 53.3062**, and **10.7574, 18.0582, 9.3972** is the 20% darker color. If you saturate the color by 10%, you get **24.2270, 38.8592, 21.0696**, and if you desaturate by 10%, it is **30.1284, 41.7015, 30.3828**.

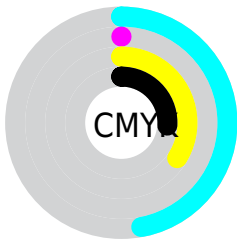
Distribution



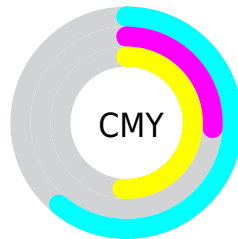
- Red (39%)
- Green (74%)
- Blue (49%)



- Red (39%)
- Yellow (66%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (34%)
- Black (26%)





- Cyan (61%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8768, 40.1310, 25.3983 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 26.8768, 40.1310, 25.3983 by changing the saturation by 10% instead.


 26.8768, 40.1310,
25.3983


 26.8768, 40.1310,
25.3983


279.2386,
346.6754, 293.3266


 17.6168, 27.6407,
16.1523


 54.1074, 75.3630,
53.2748


 10.7733, 18.0550,
9.4765


 72.8087, 98.8734,
72.7423

 5.9807, 10.9895,
4.9522


 95.3879, 126.8260,
96.4542

 2.8739, 6.0598,
2.1610

 122.2102,
159.6052, 124.8289

 1.0874, 2.8815,
0.6517

153.6411,
197.5953, 158.2849

 0.0146, 1.0702,
0.0000

190.0459,

 0.0000, 0.0000,

241.1808, 197.2409

0.0000

231.7899,
290.7460, 242.1153

■ 26.8768, 40.1310,
25.3983

■ 26.8768, 40.1310,
25.3983

■ 24.2270, 38.8592,
21.0696

■ 30.1284, 41.7015,
30.3828

■ 22.1375, 37.8618,
17.3667

■ 34.0136, 43.5830,
36.0461

■ 20.5663, 37.1189,
14.2609


■ 38.5656, 45.7935,
42.4136

■ 19.4638, 36.6057,
11.7206


■ 43.8144, 48.3477,
49.5083


■ 18.7641, 36.2887,
9.7105


■ 49.7879, 51.2597,
57.3524

 18.5876, 36.2094,
9.1733

 56.5128, 54.5428,
65.9669

 64.0143, 58.2096,
75.3722

 72.3163, 62.2719,
85.5879

 76.0215, 63.9470,
96.3790

Harmonies

Analogous

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



31.4494, 40.1310, 16.2442



26.8768, 40.1310, 25.3983



25.2497, 40.1310, 42.9659

Triad

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



26.8768, 40.1310, 25.3983



37.8876, 40.1310, 100.7714



52.5028, 40.1310, 26.2941

Complementary

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



26.8768, 40.1310, 25.3983



31.9983, 22.4868, 37.7770

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.



54.8146, 40.1310, 44.4340



26.8768, 40.1310, 25.3983



45.7255, 40.1310, 91.8431

Square

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



26.8768, 40.1310, 25.3983



31.0607, 40.1310, 90.6439



52.1863, 40.1310, 69.1697



46.2283, 40.1310, 16.6267

Rectangle

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



26.8768, 40.1310, 25.3983



25.8614, 40.1310, 58.8906



52.1863, 40.1310, 69.1697



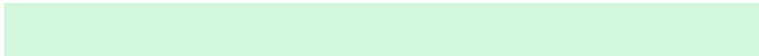
53.8034, 40.1310, 31.3692

Sweetspot

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



26.8778, 40.1327, 25.3992



72.2226, 84.1238, 80.0544



35.7050, 44.8378, 18.8295



15.1100, 17.8857, 16.6396



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.



26.8778, 40.1327, 25.3992



43.8599, 70.4014, 38.1058



30.2582, 41.4848, 43.1999



9.5128, 10.6912, 10.6840



12.6822, 24.6631, 6.3890



0.5253, 0.9775, 0.4006

Inverse Universe

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



31.9983, 22.4868, 37.7770



54.2316, 34.5662, 63.1094



28.7199, 21.1754, 20.5135



9.8159, 9.6507, 11.4195



17.2137, 8.5166, 16.9506



0.7004, 0.3440, 0.8015

Previews

White Background



This preview shows how the XYZ color 26.8768, 40.1310, 25.3983 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 26.8768, 40.1310, 25.3983 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 26.8768, 40.1310, 25.3983

Background



This preview shows how black text looks on a background with the XYZ color 26.8768, 40.1310, 25.3983.



This preview shows how white text looks on a background with the XYZ color 26.8768, 40.1310,

25.3983.

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

26.8768, 40.1310, 25.3983

Protanopia

36.8688, 39.7042, 22.2435

Deuteranopia

40.2383, 39.4581, 26.6145



Tritanopia

33.0602, 39.8482, 56.9880

Trichromacy



Original Color

26.8768, 40.1310, 25.3983



Protanomaly

31.9920, 39.1549, 23.3243



Deuteranomaly

33.3595, 38.3657, 26.0692



Tritanomaly

30.3198, 39.6355, 43.5885

Monochromacy



Original Color

26.8768, 40.1310, 25.3983



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.4257, 34.3239, 31.1136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8768, 40.1310, 25.3983 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(100, 188, 124)` looks like.

```
.text, #text, p{  
    color:rgb(100, 188, 124)  
}
```

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(100, 188, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 188, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.8768, 40.1310, 25.3983 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(100, 188, 124) }
```


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

```
.border{ border-color:rgb(100, 188, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 188, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 188, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 188, 124);  
box-shadow:4px 4px 4px 4px rgb(100, 188,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8768, 40.1310, 25.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 188, 124) }
```

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

```
.background{ background-color: rgb(100,  
188, 124) }
```

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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