

Converting Colors

XYZ(26.2167, 39.7458, 37.5177)

Have a look what the booklet for
XYZ(26.2167, 39.7458, 37.5177)
contains.

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Color

**XYZ(26.2283, 39.8517,
37.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	40BD9B
RGB	64, 189, 155
RGB Percent	25%, 74%, 61%
CMY	0.7490, 0.2588, 0.3922
CMYK	0.66, 0.00, 0.18, 0.26
HSL	164°, 49%, 50%
HSV	164°, 66%, 74%
XYZ	26.2283, 39.8517, 37.3201
YIQ	147.7490, -63.5860, -37.0740

Conversions

Conversions Part 2

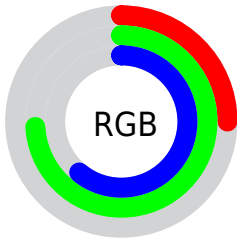
Format	Color
RYB	64, 136, 189
Decimal	4242843
CIELab	69.36, -42.43, 7.21
CIELCh	69, 43.034, 170.352
Yxy	39.8517, 0.2537, 0.3854
Android (android.graphics.Color)	4282432923 (0xFF40BD9B)
YUV	147.7490, 3.5747, -73.4479
Hunter-Lab	63.1282, -36.3118, 9.1387

Details

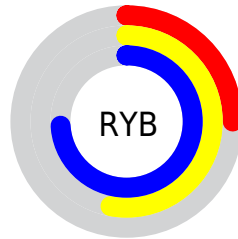
The XYZ color **26.2283, 39.8517, 37.3201** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **25.0255, 15.3684, 13.2041**, and the grayscale version is **28.0493, 29.5101, 32.1365**.

A 20% lighter version of the original color is **53.0686, 74.9506, 71.9915**, and **11.1627, 18.3274, 16.0459** is the 20% darker color. If you saturate the color by 10%, you get **24.7788, 39.1543, 35.0468**, and if you desaturate by 10%, it is **28.1148, 40.7742, 39.7116**.

Distribution



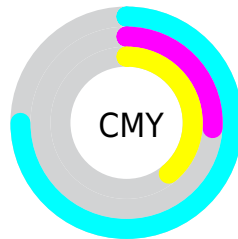
- Red (25%)
- Green (74%)
- Blue (61%)



- Red (25%)
- Yellow (53%)
- Blue (74%)



- Cyan (66%)
- Magenta (0%)
- Yellow (18%)
- Black (26%)





- Cyan (75%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2283, 39.8517, 37.3201 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 26.2283, 39.8517, 37.3201 by changing the saturation by 10% instead.


 26.2283, 39.8517,
37.3201


 26.2283, 39.8517,
37.3201


276.1372,
345.4981, 349.9046


 17.1281, 27.4229,
25.1577

 53.0717, 74.9376,
72.2566


 10.4217, 17.8911,
15.9745


 71.5456, 98.3636,
95.8679


 5.7439, 10.8718,
9.3519


 93.8748, 126.2241,
124.1325

 2.7291, 5.9807,
4.8715

 120.4246,
158.9035, 157.4689

 1.0122, 2.8334,
2.1147

 151.5604,
196.7862, 196.2959

 0.0000, 1.0454,
0.6245

187.6475,

 0.0000, 0.0000,

240.2566, 241.0318

0.0000

229.0513,
289.6991, 292.0952

■ 26.2283, 39.8517,
37.3201

■ 26.2283, 39.8517,
37.3201

■ 24.7788, 39.1543,
35.0468

■ 28.1148, 40.7742,
39.7116

■ 23.7187, 38.6545,
32.8856

■ 30.4731, 41.9369,
42.2214

■ 22.9922, 38.3247,
30.8337

■ 33.3381, 43.3586,
44.8533

■ 22.7562, 38.2197,
30.0677

■ 36.7407, 45.0552,
47.6097

■ 40.7090, 47.0412,
50.4931

■ 45.2692, 49.3301,
53.5057

■ 50.4458, 51.9345,
56.6499

■ 56.2620, 54.8664,
59.9276

■ 62.7397, 58.1369,
63.3411

Harmonies

Analogous

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



28.5386, 39.8517, 23.3546



26.2283, 39.8517, 37.3201



26.7337, 39.8517, 58.0208

Triad

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



26.2283, 39.8517, 37.3201



42.6905, 39.8517, 89.7547



47.0065, 39.8517, 20.1877

Complementary

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



26.2283, 39.8517, 37.3201



25.0255, 15.3684, 13.2041

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.



51.7547, 39.8517, 31.4548



26.2283, 39.8517, 37.3201



49.0602, 39.8517, 72.4909

Square

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



26.2283, 39.8517, 37.3201



35.6938, 39.8517, 92.7711



52.5488, 39.8517, 50.0886



40.1492, 39.8517, 15.6451

Rectangle

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



26.2283, 39.8517, 37.3201



28.6255, 39.8517, 72.9962



52.5488, 39.8517, 50.0886



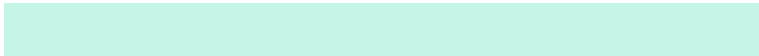
48.9356, 39.8517, 23.1185

Sweetspot

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



26.2294, 39.8533, 37.3210



69.8073, 82.6950, 88.2413



24.3154, 39.4431, 11.1828



14.5860, 17.5702, 18.6646



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.



26.2294, 39.8533, 37.3210



43.5138, 69.7127, 61.1447



24.2065, 30.5769, 52.7720



9.6948, 10.7640, 11.6424



15.3439, 25.7278, 20.4054



0.6271, 1.0182, 0.9366

Inverse Universe

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



25.0255, 15.3684, 13.2041



41.2876, 22.7797, 15.3211



25.6611, 18.6865, 7.1055



9.6339, 9.5779, 10.4613



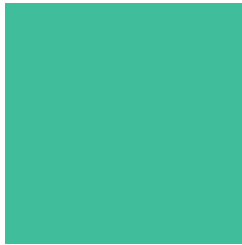
14.5564, 7.4537, 2.9575



0.5987, 0.3034, 0.2660

Previews

White Background



This preview shows how the XYZ color 26.2283, 39.8517, 37.3201 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 26.2283, 39.8517, 37.3201 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

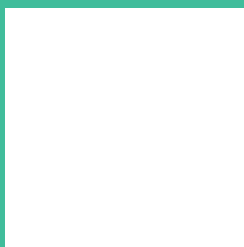
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2283, 39.8517, 37.3201

Background



This preview shows how black text looks on a background with the XYZ color 26.2283, 39.8517, 37.3201.

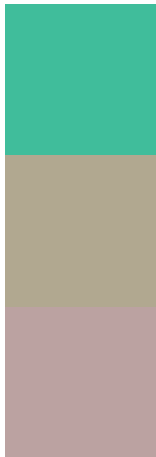


This preview shows how white text looks on a background with the XYZ color 26.2283, 39.8517,

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

26.2283, 39.8517, 37.3201

Protanopia

37.1681, 39.3660, 32.0250

Deuteranopia

39.8469, 38.9787, 39.1417



Tritanopia

30.6062, 39.7380, 59.4832

Trichromacy



Original Color

26.2283, 39.8517, 37.3201



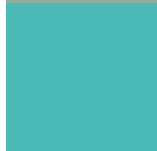
Protanomaly

31.0240, 38.4230, 33.7982



Deuteranomaly

32.1659, 37.7590, 38.3938



Tritanomaly

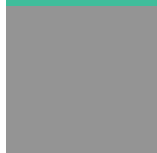
28.6941, 39.5712, 50.3816

Monochromacy



Original Color

26.2283, 39.8517, 37.3201



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.0192, 32.2107, 34.1241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2283, 39.8517, 37.3201 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(64, 189, 155)` looks like.

```
.text, #text, p{  
    color:rgb(64, 189, 155)  
}
```

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(64, 189, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 189, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.2283, 39.8517, 37.3201 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(64, 189, 155) }
```


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

```
.border{ border-color:rgb(64, 189, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 189, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 189, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 189, 155);  
box-shadow:4px 4px 4px 4px rgb(64, 189,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2283, 39.8517, 37.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 189, 155) }
```

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

```
.background{ background-color: rgb(64, 189,  
155) }
```

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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