

Converting Colors

XYZ(25.9916, 37.2576, 50.0658)

Have a look what the booklet for
XYZ(25.9916, 37.2576, 50.0658)
contains.

XYZ(26.0081, 37.2646, 50.0780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0081, 37.2646,
50.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	27B6B6
RGB	39, 182, 182
RGB Percent	15%, 71%, 71%
CMY	0.8470, 0.2863, 0.2863
CMYK	0.79, 0.00, 0.00, 0.29
HSL	180°, 65%, 43%
HSV	180°, 79%, 71%
XYZ	26.0081, 37.2646, 50.0780
YIQ	139.2430, -85.2280, -30.3160

Conversions

Conversions Part 2

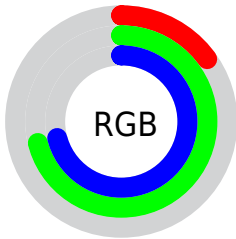
Format	Color
R _Y B	39, 111, 182
Decimal	2602678
CIE Lab	67.48, -35.20, -10.46
CIE LCh	67, 36.718, 196.548
Yxy	37.2646, 0.2294, 0.3288
Android (android.graphics.Color)	4280792758 (0xFF27B6B6)
YUV	139.2430, 21.0792, -87.9131
Hunter-Lab	61.0447, -30.7784, -5.9072

Details

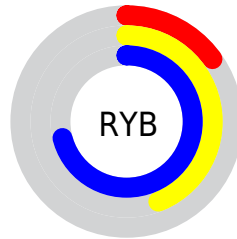
The XYZ color **26.0081, 37.2646, 50.0780** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.3843, 11.5437, 3.0743**, and the grayscale version is **24.5807, 25.8608, 28.1624**.

A 20% lighter version of the original color is **52.5627, 70.7016, 91.7654**, and **11.6816, 17.0233, 23.4390** is the 20% darker color. If you saturate the color by 10%, you get **25.4774, 36.9918, 50.0539**, and if you desaturate by 10%, it is **26.8715, 37.7105, 50.1193**.

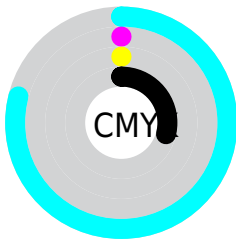
Distribution



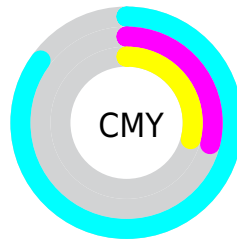
- Red (15%)
- Green (71%)
- Blue (71%)



- Red (15%)
- Yellow (44%)
- Blue (71%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0081, 37.2646, 50.0780 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 26.0081, 37.2646, 50.0780 by changing the saturation by 10% instead.

■ 26.0081, 37.2646,
50.0780

■ 26.0081, 37.2646,
50.0780

275.0778,
334.4547, 403.7147

■ 16.9624, 25.4124,
35.1038

■ 52.7192, 70.9796,
91.6879

■ 10.3028, 16.3846,
23.4586

■ 71.1154, 93.6111,
119.1607

■ 5.6640, 9.7967,
14.7240

■ 93.3590, 120.6046,
151.6367

■ 2.6806, 5.2644,
8.4815

■ 119.8156,
152.3444, 189.5346

■ 0.9872, 2.4032,
4.3124

■ 150.8504,
189.2149, 233.2727

■ 0.0000, 0.8275,
1.7982

186.8288,

■ 0.0000, 0.0000,

231.6005, 283.2698

0.4268

228.1161,
279.8857, 339.9443

■ 0.0000, 0.0000,
0.0000

■ 26.0081, 37.2646,
50.0780

■ 26.0081, 37.2646,
50.0780

■ 25.4774, 36.9918,
50.0539

■ 26.8715, 37.7105,
50.1193

■ 25.2048, 36.8513,
50.0411

■ 28.1061, 38.3470,
50.1772

■ 25.1721, 36.8344,
50.0395

■ 29.7485, 39.1937,
50.2542

■ 31.8303, 40.2669,
50.3517

■ 34.3800, 41.5813,
50.4711

■ 37.4234, 43.1502,
50.6136

■ 40.9847, 44.9861,
50.7804

■ 45.0865, 47.1007,
50.9725

■ 49.7500, 49.5048,
51.1908

Harmonies

Analogous

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



25.8849, 37.2646, 33.7706



26.0081, 37.2646, 50.0780



28.4724, 37.2646, 67.5524

Triad

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



26.0081, 37.2646, 50.0780



43.8883, 37.2646, 65.8998



38.0019, 37.2646, 17.2461

Complementary

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



26.0081, 37.2646, 50.0780



20.3843, 11.5437, 3.0743

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.



43.4122, 37.2646, 21.9481



26.0081, 37.2646, 50.0780



47.0463, 37.2646, 48.2366

Square

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



26.0081, 37.2646, 50.0780



38.5979, 37.2646, 78.2175



46.8633, 37.2646, 32.3570



32.4194, 37.2646, 17.4927

Rectangle

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



26.0081, 37.2646, 50.0780



31.2762, 37.2646, 76.2528



46.8633, 37.2646, 32.3570



39.9121, 37.2646, 18.2329

Sweetspot

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



26.0092, 37.2660, 50.0789



64.5125, 76.5098, 91.6030



18.0251, 34.0831, 7.5490



13.8343, 16.6850, 20.2129



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0092, 37.2660, 50.0789



45.8200, 66.8735, 90.7270



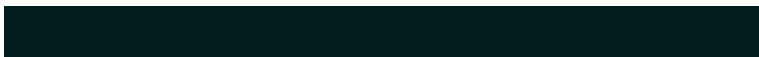
15.1737, 15.5947, 46.4678



9.2667, 10.2107, 11.5619



17.7757, 26.0112, 35.3362



0.6266, 0.9170, 1.2457

Inverse Universe

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



20.3843, 11.5437, 3.0743



35.2161, 18.3830, 2.1159



25.0340, 20.8431, 4.6241



9.0046, 9.0122, 9.3719



13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 26.0081, 37.2646, 50.0780 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 26.0081, 37.2646, 50.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

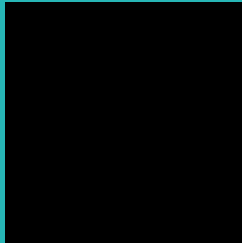
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

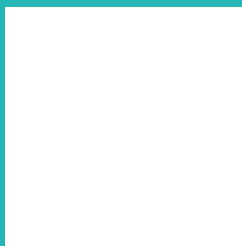
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0081, 37.2646, 50.0780

Background



This preview shows how black text looks on a background with the XYZ color 26.0081, 37.2646, 50.0780.

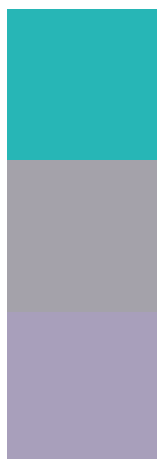


This preview shows how white text looks on a background with the XYZ color 26.0081, 37.2646,

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

26.0081, 37.2646, 50.0780

Protanopia

35.4859, 36.6355, 43.2313

Deuteranopia

37.5162, 36.7090, 52.1219



Tritanopia

27.4870, 37.2608, 57.3731

Trichromacy



Original Color

26.0081, 37.2646, 50.0780

Protanomaly

29.4357, 35.3539, 45.3170

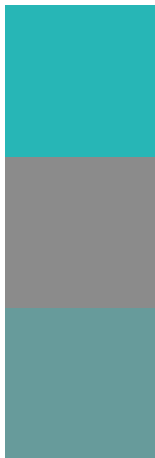
Deuteranomaly

30.4608, 35.2052, 51.0888

Tritanomaly

26.9449, 37.3463, 54.5036

Monochromacy



Original Color

26.0081, 37.2646, 50.0780

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.2313, 28.6928, 35.3242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0081, 37.2646, 50.0780 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(39, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(39, 182, 182)  
}
```

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(39, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.0081, 37.2646, 50.0780 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(39, 182, 182) }
```


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

```
.border{ border-color:rgb(39, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(39, 182,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0081, 37.2646, 50.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 182, 182) }
```

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

```
.background{ background-color: rgb(39, 182,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor