

Converting Colors

XYZ(24.5330, 37.8072, 51.6737)

Have a look what the booklet for
XYZ(24.5330, 37.8072, 51.6737)
contains.

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Color

**XYZ(26.3159, 38.6206,
51.9665)**

Conversions

Conversions Part 1

Format	Color
Hex	00BAB9
RGB	0, 186, 185
RGB Percent	0%, 73%, 73%
CMY	0.9998, 0.2706, 0.2745
CMYK	1.00, 0.00, 0.01, 0.27
HSL	180°, 100%, 36%
HSV	180°, 100%, 73%
XYZ	26.3159, 38.6206, 51.9665
YIQ	130.2720, -110.5350, -39.7430

Conversions

Conversions Part 2

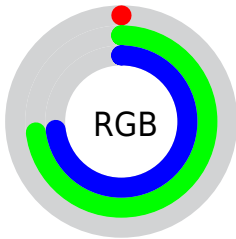
Format	Color
RYB	0, 93, 186
Decimal	47801
CIELab	68.48, -38.23, -10.65
CIELCh	68, 39.690, 195.564
Yxy	38.6206, 0.2251, 0.3304
Android (android.graphics.Color)	4278237881 (0xFF00BAB9)
YUV	130.2720, 26.9809, -114.2485
Hunter-Lab	62.1455, -33.1676, -6.0769

Details

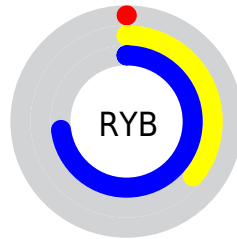
The XYZ color **26.3159, 38.6206, 51.9665** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.2565, 10.4426, 0.9779**, and the grayscale version is **21.2545, 22.3614, 24.3516**.

A 20% lighter version of the original color is **53.2946, 73.2188, 94.5428**, and **12.4161, 18.1685, 24.6823** is the 20% darker color. If you saturate the color by 10%, you get **26.3165, 38.6218, 51.9673**, and if you desaturate by 10%, it is **26.5887, 38.7609, 52.0354**.

Distribution



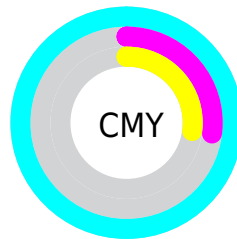
- Red (0%)
- Green (73%)
- Blue (73%)



- Red (0%)
- Yellow (36%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)





- Cyan (100%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3159, 38.6206, 51.9665 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 26.3159, 38.6206, 51.9665 by changing the saturation by 10% instead.


 26.3159, 38.6206,
51.9665


 26.3159, 38.6206,
51.9665


276.5577,
340.2747, 411.2605


 17.1940, 26.4647,
36.5963


 53.2118, 73.0584,
94.5079


 10.4691, 17.1716,
24.6018


 71.7166, 96.1090,
122.5162


 5.7757, 10.3569,
15.5643


 94.0797, 123.5601,
155.5743

 2.7485, 5.6362,
9.0654

 120.6665,
155.7959, 194.1007

 1.0222, 2.6252,
4.6864

 151.8423,
193.2009, 238.5140

 0.0000, 0.9393,
2.0090

187.9726,

 0.0000, 0.0000,

236.1594, 289.2327

0.5608

229.4226,
285.0559, 346.6754

■ 0.0000, 0.0000,
0.0000

■ 26.3159, 38.6206,
51.9665

■ 26.3159, 38.6206,
51.9665

■ 26.3165, 38.6218,
51.9673

■ 26.5887, 38.7609,
52.0354

■ 27.1094, 39.0280,
52.1150

■ 27.9703, 39.4707,
52.2106

■ 29.2171, 40.1121,
52.3243

■ 30.8880, 40.9723,
52.4578

■ 33.0168, 42.0685,
52.6129

■ 35.6339, 43.4165,
52.7908

■ 38.7671, 45.0305,
52.9929

■ 42.4421, 46.9238,
53.2204

Harmonies

Analogous

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



26.2669, 38.6206, 34.0502



26.3159, 38.6206, 51.9665



28.9288, 38.6206, 71.6845

Triad

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



26.3159, 38.6206, 51.9665



45.9633, 38.6206, 71.0033



39.7822, 38.6206, 16.7719

Complementary

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



26.3159, 38.6206, 51.9665



20.2565, 10.4426, 0.9779

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.



45.7693, 38.6206, 21.9708



26.3159, 38.6206, 51.9665



49.6028, 38.6206, 51.2167

Square

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



26.3159, 38.6206, 51.9665



40.0237, 38.6206, 84.6229



49.5280, 38.6206, 33.4850



33.5801, 38.6206, 16.8671

Rectangle

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



26.3159, 38.6206, 51.9665



31.9627, 38.6206, 81.7570



49.5280, 38.6206, 33.4850



41.9006, 38.6206, 17.8757

Sweetspot

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



26.3171, 38.6220, 51.9674



64.3182, 78.5543, 95.6657



17.5990, 35.1393, 5.8562



13.7012, 17.0606, 21.0362



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.



26.3171, 38.6220, 51.9674



47.6957, 70.0008, 94.1742



13.0576, 11.9334, 48.0710



9.2646, 10.2098, 11.5505



17.7054, 25.9831, 34.9659



0.6248, 0.9162, 1.2362

Inverse Universe

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



20.2565, 10.4426, 0.9779



36.7110, 18.9244, 1.7553



23.9002, 17.7387, 2.1654



9.0065, 9.0130, 9.3818



13.6280, 7.0249, 0.6617



0.4811, 0.2479, 0.0268

Previews

White Background



This preview shows how the XYZ color 26.3159, 38.6206, 51.9665 looks on a white background.

Color Contrast Check

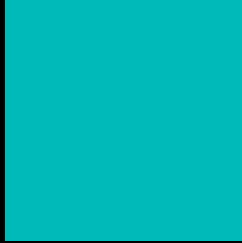
Large Text (above 18pt) WCAG AA × Fail

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 26.3159, 38.6206, 51.9665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

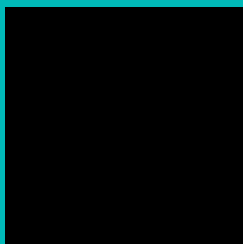
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

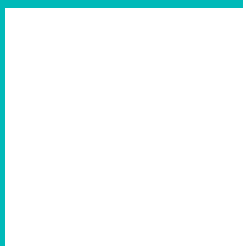
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3159, 38.6206, 51.9665

Background



This preview shows how black text looks on a background with the XYZ color 26.3159, 38.6206, 51.9665.



This preview shows how white text looks on a background with the XYZ color 26.3159, 38.6206,

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

26.3159, 38.6206, 51.9665

Protanopia

36.8379, 38.1043, 44.4430

Deuteranopia

38.7922, 38.1044, 54.0255



Tritanopia

28.1424, 38.7618, 60.0313

Trichromacy



Original Color

26.3159, 38.6206, 51.9665



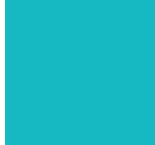
Protanomaly

28.8232, 36.1256, 47.0488



Deuteranomaly

29.8244, 35.9448, 52.9431



Tritanomaly

27.4174, 38.7635, 57.0760

Monochromacy



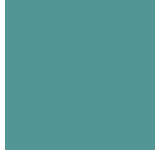
Original Color

26.3159, 38.6206, 51.9665



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

19.9786, 25.8537, 32.7914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3159, 38.6206, 51.9665 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(0, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 185)  
}
```

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(0, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 26.3159, 38.6206, 51.9665 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(0, 186, 185) }
```


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

```
.border{ border-color:rgb(0, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3159, 38.6206, 51.9665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 185) }
```

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

```
.background{ background-color: rgb(0, 186,  
185) }
```

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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