

Converting Colors

XYZ(16.2155, 34.1004, 51.8813)

Have a look what the booklet for
XYZ(16.2155, 34.1004, 51.8813)
contains.

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Color

**XYZ(26.7402, 39.4692,
52.1079)**

Conversions

Conversions Part 1

Format	Color
Hex	00BCB9
RGB	0, 188, 185
RGB Percent	0%, 74%, 73%
CMY	0.9998, 0.2627, 0.2745
CMYK	1.00, 0.00, 0.02, 0.26
HSL	179°, 100%, 37%
HSV	179°, 100%, 74%
XYZ	26.7402, 39.4692, 52.1079
YIQ	131.4460, -111.0850, -40.7890

Conversions

Conversions Part 2

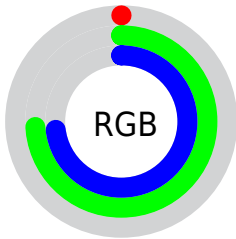
Format	Color
RYB	0, 95, 188
Decimal	48313
CIELab	69.09, -39.14, -9.73
CIELCh	69, 40.332, 193.964
Yxy	39.4692, 0.2260, 0.3336
Android (android.graphics.Color)	4278238393 (0xFF00BCB9)
YUV	131.4460, 26.4021, -115.2781
Hunter-Lab	62.8245, -33.9674, -5.1991

Details

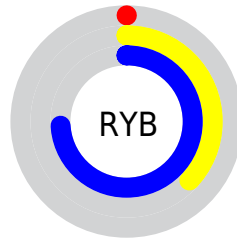
The XYZ color **26.7402, 39.4692, 52.1079** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **20.7568, 10.6993, 1.0585**, and the grayscale version is **21.6746, 22.8034, 24.8329**.

A 20% lighter version of the original color is **53.8964, 74.4224, 94.7434**, and **12.6900, 18.7161, 24.7735** is the 20% darker color. If you saturate the color by 10%, you get **26.7408, 39.4704, 52.1085**, and if you desaturate by 10%, it is **27.0381, 39.6200, 52.2884**.

Distribution



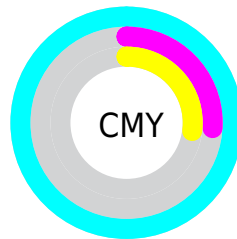
- Red (0%)
- Green (74%)
- Blue (73%)



- Red (0%)
- Yellow (37%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7402, 39.4692, 52.1079 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 26.7402, 39.4692, 52.1079 by changing the saturation by 10% instead.

■ 26.7402, 39.4692,
52.1079

■ 26.7402, 39.4692,
52.1079

278.5875,
343.8812, 411.8218

■ 17.5138, 27.1249,
36.7083

■ 53.8895, 74.3546,
94.7186

■ 10.6990, 17.6671,
24.6877

■ 72.5431, 97.6644,
122.7666

■ 5.9306, 10.7112,
15.6276

■ 95.0699, 125.3983,
155.8679

■ 2.8432, 5.8730,
9.1095

■ 121.8351,
157.9405, 194.4410

■ 1.0714, 2.7680,
4.7149

■ 153.2041,
195.6755, 238.9044

■ 0.0010, 1.0119,
2.0252

189.5422,

■ 0.0000, 0.0000,

238.9877, 289.6766

0.5707

231.2150,
288.2615, 347.1763

■ 0.0000, 0.0000,
0.0000

■ 26.7402, 39.4692,
52.1079

■ 26.7402, 39.4692,
52.1079

■ 26.7408, 39.4704,
52.1085

■ 27.0381, 39.6200,
52.2884

■ 27.5906, 39.9011,
52.4802

■ 28.4920, 40.3621,
52.6887

■ 29.7888, 41.0270,
52.9161

■ 31.5206, 41.9161,
53.1641

■ 33.7221, 43.0472,
53.4345

■ 36.4244, 44.4366,
53.7287

■ 39.6560, 46.0988,
54.0480

■ 43.4433, 48.0476,
54.3937

Harmonies

Analogous

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



26.8328, 39.4692, 33.9088



26.7402, 39.4692, 52.1079



29.2928, 39.4692, 72.5748

Triad

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



26.7402, 39.4692, 52.1079



46.7782, 39.4692, 73.8681



41.0380, 39.4692, 17.1186

Complementary

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



26.7402, 39.4692, 52.1079



20.7568, 10.6993, 1.0585

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.



47.1459, 39.4692, 22.7673



26.7402, 39.4692, 52.1079



50.7100, 39.4692, 53.5289

Square

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



26.7402, 39.4692, 52.1079



40.5806, 39.4692, 87.3642



50.8518, 39.4692, 34.9773



34.6065, 39.4692, 16.9395

Rectangle

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



26.7402, 39.4692, 52.1079



32.3400, 39.4692, 83.3363



50.8518, 39.4692, 34.9773



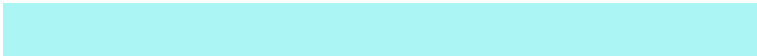
43.2130, 39.4692, 18.3475

Sweetspot

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



26.7414, 39.4707, 52.1089



65.7376, 80.3913, 97.3439



18.0237, 35.9881, 5.9976



13.6723, 17.0491, 20.8841



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.



26.7414, 39.4707, 52.1089



48.4528, 71.5282, 94.3864



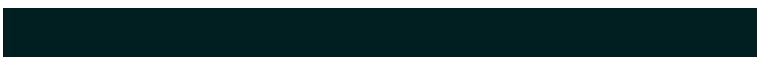
13.3669, 12.2092, 49.2305



9.8018, 10.8069, 12.2060



18.2088, 26.8738, 35.4918



0.7154, 1.0535, 1.4014

Inverse Universe

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



20.7568, 10.6993, 1.0585



37.6079, 19.3851, 1.8718



24.4715, 18.1550, 2.2156



9.5362, 9.5388, 9.9466



14.1341, 7.2848, 0.7336



0.5558, 0.2862, 0.0400

Previews

White Background



This preview shows how the XYZ color 26.7402, 39.4692, 52.1079 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 26.7402, 39.4692, 52.1079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

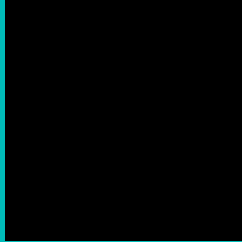
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

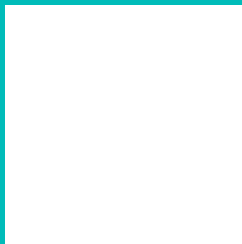
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7402, 39.4692, 52.1079

Background



This preview shows how black text looks on a background with the XYZ color 26.7402, 39.4692, 52.1079.

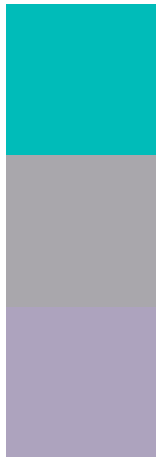


This preview shows how white text looks on a background with the XYZ color 26.7402, 39.4692,

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

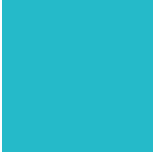
26.7402, 39.4692, 52.1079

Protanopia

37.6273, 39.0510, 44.5842

Deuteranopia

39.6250, 38.7963, 54.1152



Tritanopia

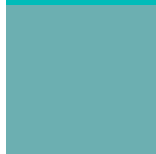
28.8645, 39.7282, 61.4053

Trichromacy



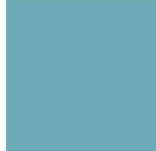
Original Color

26.7402, 39.4692, 52.1079



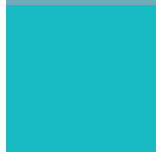
Protanomaly

29.4501, 37.0224, 47.1888



Deuteranomaly

30.2600, 36.4509, 53.0178



Tritanomaly

27.9973, 39.6750, 57.8122

Monochromacy



Original Color

26.7402, 39.4692, 52.1079



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

20.3814, 26.5298, 33.3247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7402, 39.4692, 52.1079 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, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 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, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 185) }
```

Border

The CSS property to change the border of an element to XYZ 26.7402, 39.4692, 52.1079 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, 188, 185) }
```


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

```
.border{ border-color:rgb(0, 188, 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, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7402, 39.4692, 52.1079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 185) }
```

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

```
.background{ background-color: rgb(0, 188,  
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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