

Converting Colors

XYZ(26.0691, 40.6046, 43.5093)

Have a look what the booklet for
XYZ(26.0691, 40.6046, 43.5093)
contains.

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Color

**XYZ(26.0691, 40.6046,
43.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	0CC0A8
RGB	12, 192, 168
RGB Percent	5%, 75%, 66%
CMY	0.9529, 0.2470, 0.3412
CMYK	0.94, 0.00, 0.13, 0.25
HSL	172°, 88%, 40%
HSV	172°, 94%, 75%
XYZ	26.0691, 40.6046, 43.5093
YIQ	135.4440, -99.5760, -45.6240

Conversions

Conversions Part 2

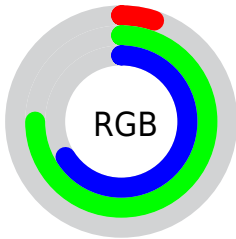
Format	Color
R_{YB}	12, 108, 192
Decimal	835752
CIE Lab	69.90, -45.39, 0.79
CIE LCh	70, 45.395, 179.005
Yxy	40.6046, 0.2366, 0.3685
Android (android.graphics.Color)	4279025832 (0xFF0CC0A8)
YUV	135.4440, 16.0501, -108.2604
Hunter-Lab	63.7217, -38.4872, 4.1219

Details

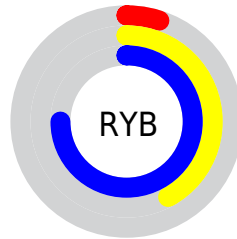
The XYZ color **26.0691, 40.6046, 43.5093** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **22.1895, 11.5979, 2.7400**, and the grayscale version is **23.1658, 24.3722, 26.5413**.

A 20% lighter version of the original color is **52.7885, 75.9626, 81.6921**, and **12.0980, 19.1523, 19.5821** is the 20% darker color. If you saturate the color by 10%, you get **25.7699, 40.4684, 42.7212**, and if you desaturate by 10%, it is **26.7311, 40.9190, 44.7988**.

Distribution



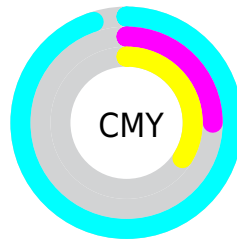
- Red (5%)
- Green (75%)
- Blue (66%)



- Red (5%)
- Yellow (42%)
- Blue (75%)



- Cyan (94%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (95%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0691, 40.6046, 43.5093 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 26.0691, 40.6046, 43.5093 by changing the saturation by 10% instead.


 26.0691, 40.6046,
43.5093


 26.0691, 40.6046,
43.5093


275.3716,
348.6653, 376.6847


 17.0083, 28.0103,
29.9506


 52.8169, 76.0833,
81.7734

 10.3357, 18.3334,
19.5493


 71.2346, 99.7364,
107.3159


 5.6861, 11.1896,
11.8871


 93.5020, 127.8446,
137.6901

 2.6940, 6.1945,
6.5452

 119.9844,
160.7923, 173.3144

 0.9941, 2.9637,
3.1053

 151.0473,
198.9638, 214.6075

 0.0000, 1.1128,
1.1486

187.0558,

 0.0000, 0.0000,

242.7435, 261.9879

0.0000

228.3755,
292.5159, 315.8741

■ 26.0691, 40.6046,
43.5093

■ 26.0691, 40.6046,
43.5093

■ 25.7699, 40.4684,
42.7212

■ 26.7311, 40.9190,
44.7988

■ 27.7413, 41.4114,
46.1284

■ 29.1541, 42.1108,
47.5016

■ 31.0135, 43.0399,
48.9207

■ 33.3579, 44.2184,
50.3875

■ 36.2213, 45.6639,
51.9038

■ 39.6349, 47.3925,
53.4712

■ 43.6271, 49.4189,
55.0911

■ 48.2247, 51.7567,
56.7650

Harmonies

Analogous

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



27.6592, 40.6046, 26.4067



26.0691, 40.6046, 43.5093



27.4622, 40.6046, 66.9991

Triad

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



26.0691, 40.6046, 43.5093



45.8939, 40.6046, 90.1498



46.3748, 40.6046, 17.7168

Complementary

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



26.0691, 40.6046, 43.5093



22.1895, 11.5979, 2.7400

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.



52.3871, 40.6046, 27.2835



26.0691, 40.6046, 43.5093



52.0855, 40.6046, 68.6253

Square

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



26.0691, 40.6046, 43.5093



38.3475, 40.6046, 98.5895



54.5976, 40.6046, 44.9212



38.8405, 40.6046, 14.7481

Rectangle

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



26.0691, 40.6046, 43.5093



30.0103, 40.6046, 82.5422



54.5976, 40.6046, 44.9212



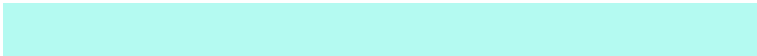
48.6745, 40.6046, 20.0783

Sweetspot

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



26.0703, 40.6062, 43.5103



68.7730, 84.3289, 95.5342



19.7542, 38.1589, 6.6728



14.1946, 17.8082, 20.2317



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.0703, 40.6062, 43.5103



46.6236, 73.2967, 77.0461



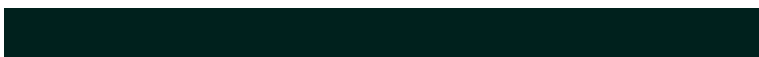
17.5182, 19.5873, 52.7284



10.3089, 11.4046, 12.6299



17.3606, 27.2383, 28.8554



0.7665, 1.1834, 1.3329

Inverse Universe

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



22.1895, 11.5979, 2.7400



39.6676, 20.4172, 3.3131



24.3226, 16.2677, 2.2066



10.1267, 10.0993, 10.7576



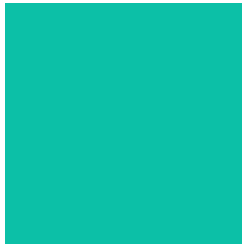
14.7668, 7.5965, 1.4182



0.6562, 0.3355, 0.1571

Previews

White Background



This preview shows how the XYZ color 26.0691, 40.6046, 43.5093 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 26.0691, 40.6046, 43.5093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

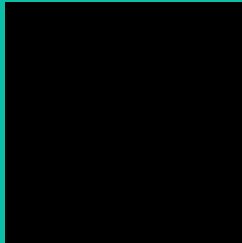
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

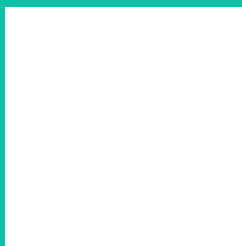
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0691, 40.6046, 43.5093

Background



This preview shows how black text looks on a background with the XYZ color 26.0691, 40.6046, 43.5093.

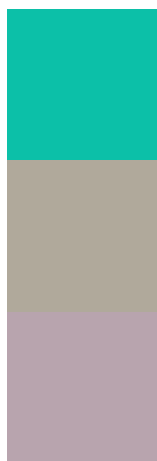


This preview shows how white text looks on a background with the XYZ color 26.0691, 40.6046,

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

26.0691, 40.6046, 43.5093

Protanopia

38.0089, 39.9726, 36.7225

Deuteranopia

40.6826, 39.7973, 45.5818



Tritanopia

29.8472, 40.5350, 62.1280

Trichromacy



Original Color

26.0691, 40.6046, 43.5093



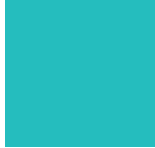
Protanomaly

29.2698, 37.6954, 38.9910



Deuteranomaly

30.4676, 37.3156, 44.6265



Tritanomaly

28.2548, 40.5062, 55.0445

Monochromacy



Original Color

26.0691, 40.6046, 43.5093



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.3714, 28.0572, 31.8929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0691, 40.6046, 43.5093 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(12, 192, 168)` looks like.

```
.text, #text, p{  
    color:rgb(12, 192, 168)  
}
```

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(12, 192, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 192, 168) }
```

Border

The CSS property to change the border of an element to XYZ 26.0691, 40.6046, 43.5093 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(12, 192, 168) }
```


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

```
.border{ border-color:rgb(12, 192, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 192, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 192, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 192, 168);  
box-shadow:4px 4px 4px 4px rgb(12, 192,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0691, 40.6046, 43.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 192, 168) }
```

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

```
.background{ background-color: rgb(12, 192,  
168) }
```

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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