

Converting Colors

XYZ(26.5007, 38.1066, 53.6994)

Have a look what the booklet for
XYZ(26.5007, 38.1066, 53.6994)
contains.

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Color

**XYZ(26.4313, 38.0220,
53.5229)**

Conversions

Conversions Part 1

Format	Color
Hex	10B8BC
RGB	16, 184, 188
RGB Percent	6%, 72%, 74%
CMY	0.9371, 0.2784, 0.2627
CMYK	0.91, 0.02, 0.00, 0.26
HSL	181°, 84%, 40%
HSV	181°, 91%, 74%
XYZ	26.4313, 38.0220, 53.5229
YIQ	134.2240, -101.4120, -34.3720

Conversions

Conversions Part 2

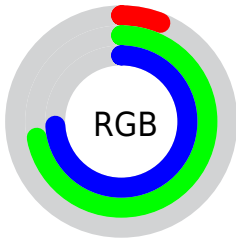
Format	Color
RYB	16, 101, 188
Decimal	1095868
CIELab	68.04, -35.87, -12.95
CIELCh	68, 38.134, 199.854
Yxy	38.0220, 0.2240, 0.3223
Android (android.graphics.Color)	4279285948 (0xFF10B8BC)
YUV	134.2240, 26.5116, -103.6824
Hunter-Lab	61.6620, -31.3948, -8.3006

Details

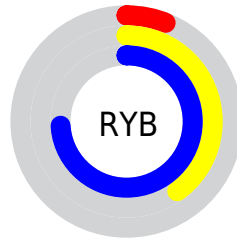
The XYZ color **26.4313, 38.0220, 53.5229** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.0837, 11.2303, 1.5478**, and the grayscale version is **22.6782, 23.8592, 25.9827**.

A 20% lighter version of the original color is **53.4934, 72.3853, 96.7403**, and **12.3558, 17.7145, 25.6897** is the 20% darker color. If you saturate the color by 10%, you get **26.1410, 37.7584, 53.4880**, and if you desaturate by 10%, it is **26.9966, 38.4492, 53.5763**.

Distribution



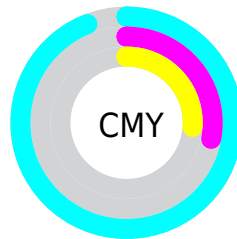
- Red (6%)
- Green (72%)
- Blue (74%)



- Red (6%)
- Yellow (40%)
- Blue (74%)



- Cyan (91%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4313, 38.0220, 53.5229 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 26.4313, 38.0220, 53.5229 by changing the saturation by 10% instead.

■ 26.4313, 38.0220,
53.5229

■ 26.4313, 38.0220,
53.5229

277.1110,
337.7143, 417.4111

■ 17.2809, 25.9998,
37.8298

■ 53.3963, 72.1419,
96.8227

■ 10.5315, 16.8235,
25.5498

■ 71.9416, 95.0083,
125.2665

■ 5.8177, 10.1087,
16.2644

■ 94.3493, 122.2582,
158.7975

■ 2.7742, 5.4711,
9.5551

■ 120.9848,
154.2760, 197.8344

■ 1.0355, 2.5262,
5.0032

■ 152.2133,
191.4462, 242.7957

■ 0.0000, 0.8897,
2.1904

188.4003,

■ 0.0000, 0.0000,

234.1530, 294.0998

0.6688

229.9110,
282.7809, 352.1655

■ 0.0000, 0.0000,
0.0000

■ 26.4313, 38.0220,
53.5229

■ 26.4313, 38.0220,
53.5229

■ 26.1410, 37.7584,
53.4880

■ 26.9966, 38.4492,
53.5763

■ 27.9019, 39.0514,
53.6448

■ 29.1966, 39.8546,
53.7316

■ 30.9208, 40.8798,
53.8386

■ 33.1099, 42.1450,
53.9674

■ 35.7956, 43.6666,
54.1196

■ 39.0067, 45.4595,
54.2964

■ 42.7699, 47.5375,
54.4991

■ 47.1100, 49.9133,
54.7290

Harmonies

Analogous

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



26.0276, 38.0220, 35.9039



26.4313, 38.0220, 53.5229



29.2680, 38.0220, 71.7505

Triad

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



26.4313, 38.0220, 53.5229



45.5844, 38.0220, 66.2537



38.1870, 38.0220, 16.8389

Complementary

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



26.4313, 38.0220, 53.5229



21.0837, 11.2303, 1.5478

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.



44.0085, 38.0220, 21.1025



26.4313, 38.0220, 53.5229



48.5786, 38.0220, 47.4291

Square

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



26.4313, 38.0220, 53.5229



40.1553, 38.0220, 80.3840



47.9723, 38.0220, 31.2607



32.3994, 38.0220, 17.6371

Rectangle

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



26.4313, 38.0220, 53.5229



32.3484, 38.0220, 80.2951



47.9723, 38.0220, 31.2607



40.2142, 38.0220, 17.6695

Sweetspot

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



26.4325, 38.0234, 53.5238



67.1024, 80.3876, 98.2059



18.3143, 36.1241, 6.6188



14.0225, 17.0586, 21.0961



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.



26.4325, 38.0234, 53.5238



47.3490, 68.3766, 96.9287



13.7674, 12.6932, 49.3021



9.7891, 10.7704, 12.2352



17.8059, 25.7235, 36.4196



0.7035, 1.0197, 1.4286

Inverse Universe

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



29.5771, 14.5238, 46.5934



53.1824, 25.6149, 83.8862



25.8726, 20.8080, 3.1440



9.9201, 9.6924, 11.9684



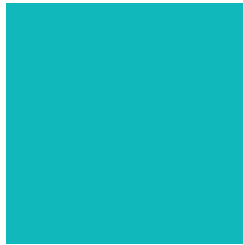
19.9883, 9.6265, 31.5619



0.7860, 0.3783, 1.2524

Previews

White Background



This preview shows how the XYZ color 26.4313, 38.0220, 53.5229 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 26.4313, 38.0220, 53.5229 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

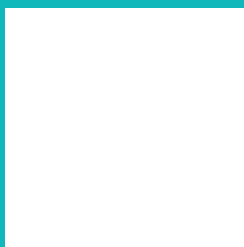
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4313, 38.0220, 53.5229

Background



This preview shows how black text looks on a background with the XYZ color 26.4313, 38.0220, 53.5229.

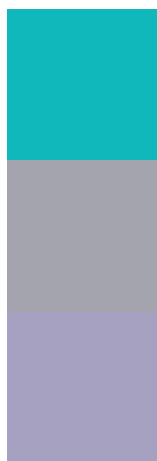


This preview shows how white text looks on a background with the XYZ color 26.4313, 38.0220,

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

26.4313, 38.0220, 53.5229

Protanopia

36.3232, 37.5386, 45.8887

Deuteranopia

38.3069, 37.5555, 55.6820



Tritanopia

27.6072, 38.2053, 58.7426

Trichromacy



Original Color

26.4313, 38.0220, 53.5229



Protanomaly

29.2315, 35.7361, 48.5371



Deuteranomaly

30.2740, 35.5823, 54.5627



Tritanomaly

27.0971, 37.9816, 56.9420

Monochromacy



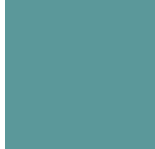
Original Color

26.4313, 38.0220, 53.5229



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

21.3754, 27.0137, 34.6594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4313, 38.0220, 53.5229 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(16, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(16, 184, 188)  
}
```

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(16, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 26.4313, 38.0220, 53.5229 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(16, 184, 188) }
```


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

```
.border{ border-color:rgb(16, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(16, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4313, 38.0220, 53.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 184, 188) }
```

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

```
.background{ background-color: rgb(16, 184,  
188) }
```

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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