

Converting Colors

XYZ(26.4562, 38.7150, 50.9152)

Have a look what the booklet for
XYZ(26.4562, 38.7150, 50.9152)
contains.

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Color

**XYZ(26.4595, 38.7189,
50.8787)**

Conversions

Conversions Part 1

Format	Color
Hex	17BAB7
RGB	23, 186, 183
RGB Percent	9%, 73%, 72%
CMY	0.9097, 0.2706, 0.2823
CMYK	0.88, 0.00, 0.02, 0.27
HSL	179°, 78%, 41%
HSV	179°, 88%, 73%
XYZ	26.4595, 38.7189, 50.8787
YIQ	136.9210, -96.1850, -35.4890

Conversions

Conversions Part 2

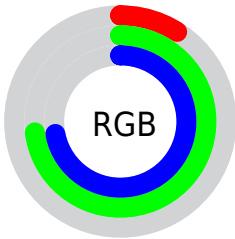
Format	Color
RYB	23, 105, 186
Decimal	1555127
CIELab	68.55, -37.95, -9.43
CIElCh	69, 39.105, 193.951
Yxy	38.7189, 0.2280, 0.3336
Android (android.graphics.Color)	4279745207 (0xFF17BAB7)
YUV	136.9210, 22.7169, -99.9087
Hunter-Lab	62.2245, -32.9900, -4.9221

Details

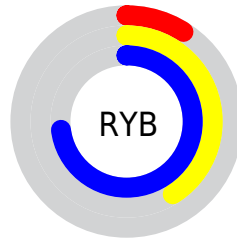
The XYZ color **26.4595, 38.7189, 50.8787** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.7438, 11.1277, 2.0330**, and the grayscale version is **23.6935, 24.9274, 27.1460**.

A 20% lighter version of the original color is **53.5744, 73.3974, 93.0048**, and **12.2805, 18.1142, 23.9682** is the 20% darker color. If you saturate the color by 10%, you get **26.1266, 38.5522, 50.6781**, and if you desaturate by 10%, it is **27.0819, 39.0365, 51.0951**.

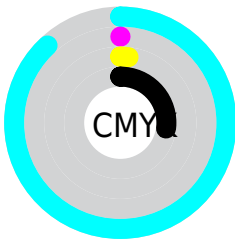
Distribution



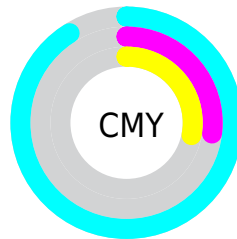
- Red (9%)
- Green (73%)
- Blue (72%)



- Red (9%)
- Yellow (41%)
- Blue (73%)



- Cyan (88%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)





- Cyan (91%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4595, 38.7189, 50.8787 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 26.4595, 38.7189, 50.8787 by changing the saturation by 10% instead.


 26.4595, 38.7189,
50.8787


 26.4595, 38.7189,
50.8787


277.2460,
340.6939, 406.9254


 17.3022, 26.5411,
35.7360


 53.4413, 73.2087,
92.8851


 10.5468, 17.2289,
23.9423


 71.9966, 96.2895,
120.5859


 5.8280, 10.3978,
15.0790


 94.4152, 123.7734,
153.3099

 2.7805, 5.6635,
8.7276

 121.0625,
156.0449, 191.4755

 1.0388, 2.6416,
4.4696

 152.3039,
193.4883, 235.5013

 0.0000, 0.9476,
1.8863

188.5047,

 0.0000, 0.0000,

236.4880, 285.8059

0.4840

230.0303,
285.4284, 342.8077

■ 0.0000, 0.0000,
0.0000

■ 26.4595, 38.7189,
50.8787

■ 26.4595, 38.7189,
50.8787

■ 26.1266, 38.5522,
50.6781

■ 27.0819, 39.0365,
51.0951

■ 26.0628, 38.5203,
50.6310

■ 28.0551, 39.5341,
51.3274

■ 29.4237, 40.2355,
51.5788

■ 31.2249, 41.1598,
51.8508

■ 33.4914, 42.3241,
52.1450

■ 36.2531, 43.7436,
52.4629

■ 39.5372, 45.4325,
52.8057

■ 43.3689, 47.4036,
53.1745

■ 47.7719, 49.6692,
53.5706

Harmonies

Analogous

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



26.5497, 38.7189, 33.4569



26.4595, 38.7189, 50.8787



28.9141, 38.7189, 70.3626

Triad

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



26.4595, 38.7189, 50.8787



45.6510, 38.7189, 71.6058



40.1744, 38.7189, 17.2358

Complementary

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



26.4595, 38.7189, 50.8787



20.7438, 11.1277, 2.0330

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.



46.0060, 38.7189, 22.7226



26.4595, 38.7189, 50.8787



49.4008, 38.7189, 52.2510

Square

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



26.4595, 38.7189, 50.8787



39.7319, 38.7189, 84.4028



49.5375, 38.7189, 34.4960



34.0182, 38.7189, 17.0593

Rectangle

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



26.4595, 38.7189, 50.8787



31.8400, 38.7189, 80.5772



49.5375, 38.7189, 34.4960



42.2526, 38.7189, 18.4326

Sweetspot

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



26.4607, 38.7203, 50.8796



66.3690, 79.6248, 95.1607



18.2057, 35.4342, 6.6915



14.2002, 17.3212, 20.9103



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.



26.4607, 38.7203, 50.8796



47.2282, 69.8138, 91.7125



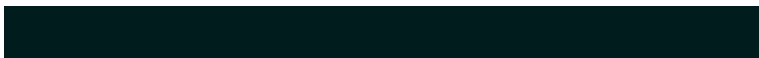
14.7868, 14.8673, 48.5463



9.2594, 10.2077, 11.5231



17.5369, 25.9157, 34.0789



0.6205, 0.9145, 1.2134

Inverse Universe

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



20.7438, 11.1277, 2.0330



36.7283, 18.9313, 1.8464



24.8745, 19.4398, 3.2528



9.0111, 9.0148, 9.4061



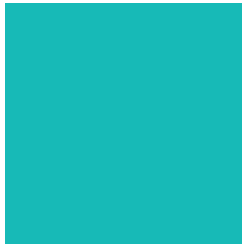
13.6391, 7.0294, 0.7202



0.4831, 0.2487, 0.0374

Previews

White Background



This preview shows how the XYZ color 26.4595, 38.7189, 50.8787 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 26.4595, 38.7189, 50.8787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

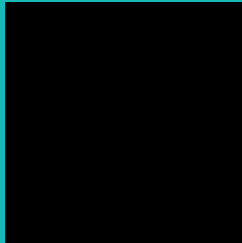
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

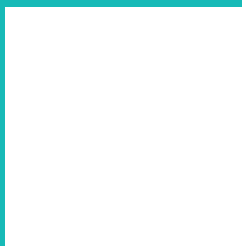
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4595, 38.7189, 50.8787

Background



This preview shows how black text looks on a background with the XYZ color 26.4595, 38.7189, 50.8787.

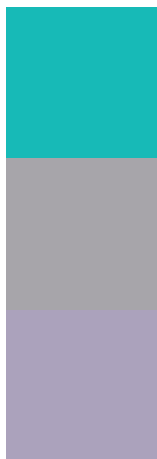


This preview shows how white text looks on a background with the XYZ color 26.4595, 38.7189,

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

26.4595, 38.7189, 50.8787

Protanopia

36.6472, 38.0280, 43.4388

Deuteranopia

38.7920, 38.1294, 52.8921



Tritanopia

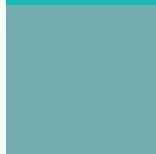
28.4041, 38.8967, 60.0436

Trichromacy



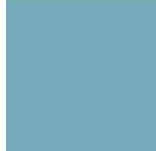
Original Color

26.4595, 38.7189, 50.8787



Protanomaly

29.7517, 36.6271, 46.0591



Deuteranomaly

30.7620, 36.4529, 51.8692



Tritanomaly

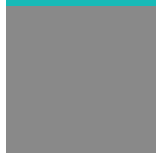
27.6677, 38.9055, 56.5033

Monochromacy



Original Color

26.4595, 38.7189, 50.8787



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

22.3780, 28.2626, 34.8476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4595, 38.7189, 50.8787 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(23, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(23, 186, 183)  
}
```

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(23, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 186, 183) }
```

Border

The CSS property to change the border of an element to XYZ 26.4595, 38.7189, 50.8787 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(23, 186, 183) }
```


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

```
.border{ border-color:rgb(23, 186, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 186, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(23, 186,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4595, 38.7189, 50.8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 186, 183) }
```

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

```
.background{ background-color: rgb(23, 186,  
183) }
```

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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