

Converting Colors

XYZ(26.1511, 38.1247, 50.6944)

Have a look what the booklet for
XYZ(26.1511, 38.1247, 50.6944)
contains.

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Color

**XYZ(26.2496, 38.2990,
50.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	17B9B7
RGB	23, 185, 183
RGB Percent	9%, 73%, 72%
CMY	0.9097, 0.2745, 0.2823
CMYK	0.88, 0.00, 0.01, 0.27
HSL	179°, 78%, 41%
HSV	179°, 88%, 73%
XYZ	26.2496, 38.2990, 50.8087
YIQ	136.3340, -95.9100, -34.9660

Conversions

Conversions Part 2

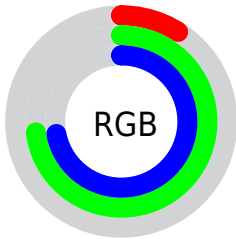
Format	Color
R_{YB}	23, 105, 185
Decimal	1554871
CIE _{Lab}	68.24, -37.49, -9.89
CIE _{LCh}	68, 38.776, 194.770
Yxy	38.2990, 0.2276, 0.3320
Android (android.graphics.Color)	4279744951 (0xFF17B9B7)
YUV	136.3340, 23.0063, -99.3939
Hunter-Lab	61.8862, -32.5884, -5.3569

Details

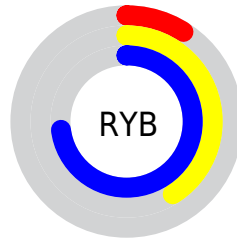
The XYZ color **26.2496, 38.2990, 50.8087** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.4908, 10.9986, 1.9640**, and the grayscale version is **23.4720, 24.6943, 26.8921**.

A 20% lighter version of the original color is **53.2760, 72.8004, 92.9053**, and **12.1456, 17.8443, 23.9233** is the 20% darker color. If you saturate the color by 10%, you get **25.9297, 38.1377, 50.6705**, and if you desaturate by 10%, it is **26.8561, 38.6098, 50.9623**.

Distribution



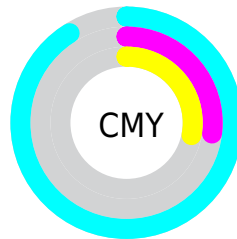
- Red (9%)
- Green (73%)
- Blue (72%)



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



- Cyan (88%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2496, 38.2990, 50.8087 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 26.2496, 38.2990, 50.8087 by changing the saturation by 10% instead.


 26.2496, 38.2990,
50.8087

 26.2496, 38.2990,
50.8087


276.2395,
338.9009, 406.6454


 17.1441, 26.2148,
35.6807


 53.1058, 72.5662,
92.7805


 10.4332, 16.9844,
23.9000


 71.5872, 95.5180,
120.4615


 5.7516, 10.2234,
15.0479


 93.9246, 122.8612,
153.1638

 2.7339, 5.5473,
8.7060

 120.4834,
154.9801, 191.3061

 1.0146, 2.5718,
4.4558

 151.6289,
192.2591, 235.3068

 0.0000, 0.9125,
1.8786

187.7266,

 0.0000, 0.0000,

235.0826, 285.5846

0.4790

229.1416,
283.8351, 342.5580

■ 0.0000, 0.0000,
0.0000

■ 26.2496, 38.2990,
50.8087

■ 26.2496, 38.2990,
50.8087

■ 25.9297, 38.1377,
50.6705

■ 26.8561, 38.6098,
50.9623

■ 25.8673, 38.1062,
50.6373

■ 27.8094, 39.0984,
51.1314

■ 29.1533, 39.7885,
51.3190

■ 30.9246, 40.6989,
51.5268

■ 33.1556, 41.8462,
51.7564

■ 35.8756, 43.2457,
52.0090

■ 39.1116, 44.9111,
52.2859

■ 42.8883, 46.8553,
52.5884

■ 47.2292, 49.0903,
52.9175

Harmonies

Analogous

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



26.2691, 38.2990, 33.5282



26.2496, 38.2990, 50.8087



28.7344, 38.2990, 69.9231

Triad

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



26.2496, 38.2990, 50.8087



45.2485, 38.2990, 70.1910



39.5524, 38.2990, 17.0632

Complementary

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



26.2496, 38.2990, 50.8087



20.4908, 10.9986, 1.9640

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.



45.3251, 38.2990, 22.3245



26.2496, 38.2990, 50.8087



48.8539, 38.2990, 51.1047

Square

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



26.2496, 38.2990, 50.8087



39.4569, 38.2990, 83.0519



48.8834, 38.2990, 33.7526



33.5091, 38.2990, 17.0250

Rectangle

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



26.2496, 38.2990, 50.8087



31.6539, 38.2990, 79.7988



48.8834, 38.2990, 33.7526



41.6028, 38.2990, 18.1970

Sweetspot

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



26.2508, 38.3004, 50.8096



64.8592, 77.7631, 93.1985



17.9233, 34.9770, 6.6183



13.5923, 16.5634, 20.0568



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.2508, 38.3004, 50.8096



46.3197, 68.2428, 90.6513



14.3388, 14.1407, 47.8741



9.2618, 10.2087, 11.5359



17.6149, 25.9469, 34.4895



0.6225, 0.9153, 1.2240

Inverse Universe

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



20.4908, 10.9986, 1.9640



35.8496, 18.4793, 1.7624



24.8472, 19.7447, 3.3133



9.0090, 9.0140, 9.3948



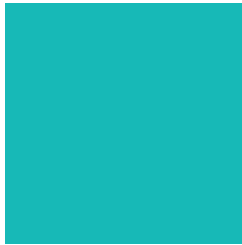
13.6339, 7.0273, 0.6930



0.4822, 0.2483, 0.0325

Previews

White Background



This preview shows how the XYZ color 26.2496, 38.2990, 50.8087 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 26.2496, 38.2990, 50.8087 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

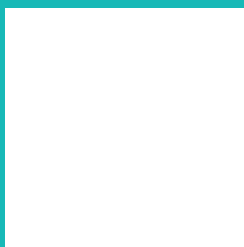
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2496, 38.2990, 50.8087

Background



This preview shows how black text looks on a background with the XYZ color 26.2496, 38.2990, 50.8087.

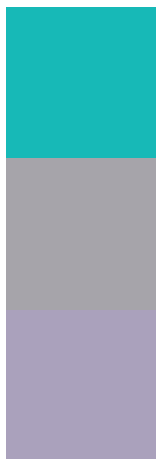


This preview shows how white text looks on a background with the XYZ color 26.2496, 38.2990,

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

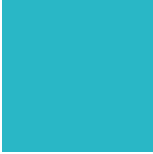
26.2496, 38.2990, 50.8087

Protanopia

36.2570, 37.5602, 43.3691

Deuteranopia

38.3995, 37.6666, 52.8235



Tritanopia

28.0410, 38.4156, 59.3631

Trichromacy



Original Color

26.2496, 38.2990, 50.8087



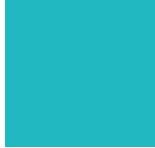
Protanomaly

29.4298, 36.1776, 45.9893



Deuteranomaly

30.5738, 36.0765, 51.8064



Tritanomaly

27.4258, 38.4713, 56.4323

Monochromacy



Original Color

26.2496, 38.2990, 50.8087



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

22.0247, 27.8440, 34.3506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2496, 38.2990, 50.8087 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, 185, 183)` looks like.

```
.text, #text, p{  
    color:rgb(23, 185, 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, 185, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 185, 183) }
```

Border

The CSS property to change the border of an element to XYZ 26.2496, 38.2990, 50.8087 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, 185, 183) }
```


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

```
.border{ border-color:rgb(23, 185, 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, 185, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 185, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 185, 183);  
box-shadow:4px 4px 4px 4px rgb(23, 185,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2496, 38.2990, 50.8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 185, 183) }
```

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

```
.background{ background-color: rgb(23, 185,  
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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