

Converting Colors

XYZ(26.9442, 38.1457, 43.8202)

Have a look what the booklet for
XYZ(26.9442, 38.1457, 43.8202)
contains.

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Color

**XYZ(27.0132, 38.2251,
43.9846)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB7AA
RGB	74, 183, 170
RGB Percent	29%, 72%, 67%
CMY	0.7098, 0.2823, 0.3333
CMYK	0.60, 0.00, 0.07, 0.28
HSL	173°, 43%, 50%
HSV	173°, 60%, 72%
XYZ	27.0132, 38.2251, 43.9846
YIQ	148.9270, -60.7910, -27.1510

Conversions

Conversions Part 2

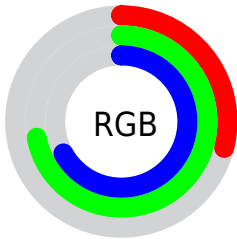
Format	Color
RYB	74, 132, 183
Decimal	4896682
CIELab	68.19, -34.13, -2.70
CIELCh	68, 34.240, 184.519
Yxy	38.2251, 0.2473, 0.3500
Android (android.graphics.Color)	4283086762 (0xFF4AB7AA)
YUV	148.9270, 10.3890, -65.7110
Hunter-Lab	61.8265, -30.2061, 1.0984

Details

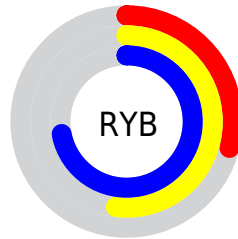
The XYZ color **27.0132, 38.2251, 43.9846** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.6988, 15.6540, 10.7906**, and the grayscale version is **28.5134, 29.9983, 32.6682**.

A 20% lighter version of the original color is **54.1300, 72.1558, 82.3087**, and **11.1203, 17.0085, 19.8364** is the 20% darker color. If you saturate the color by 10%, you get **25.5995, 37.5209, 42.8501**, and if you desaturate by 10%, it is **28.8424, 39.1449, 45.1581**.

Distribution



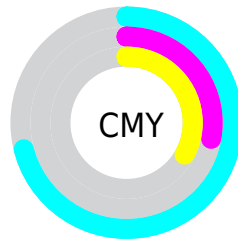
- Red (29%)
- Green (72%)
- Blue (67%)



- Red (29%)
- Yellow (52%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)



- Cyan (71%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0132, 38.2251, 43.9846 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 27.0132, 38.2251, 43.9846 by changing the saturation by 10% instead.

■ 27.0132, 38.2251,
43.9846

■ 27.0132, 38.2251,
43.9846

279.8874,
338.5846, 378.6849

■ 17.7198, 26.1574,
30.3213

■ 54.3248, 72.4530,
82.4968

■ 10.8475, 16.9415,
19.8285

■ 73.0737, 95.3821,
108.1828

■ 6.0309, 10.1928,
12.0876

■ 95.7051, 122.7004,
138.7134

■ 2.9047, 5.5270,
6.6801

■ 122.5843,
154.7924, 174.5072

■ 1.1036, 2.5596,
3.1875

■ 154.0769,
192.0424, 215.9827

■ 0.0281, 0.9064,
1.1911

190.5480,

■ 0.0000, 0.0000,

234.8348, 263.5585

0.0000

232.3630,
283.5541, 317.6530

■ 27.0132, 38.2251,
43.9846

■ 27.0132, 38.2251,
43.9846

■ 25.5995, 37.5209,
42.8501

■ 28.8424, 39.1449,
45.1581

■ 24.5612, 37.0089,
41.7502

■ 31.1159, 40.2925,
46.3696

■ 23.8562, 36.6683,
40.6836

■ 33.8640, 41.6844,
47.6213

■ 23.4010, 36.4561,
39.6463

■ 37.1133, 43.3342,
48.9146

■ 23.3825, 36.4476,
39.6013

■ 40.8885, 45.2547,
50.2508

■ 45.2124, 47.4577,
51.6310

■ 50.1068, 49.9544,
53.0563

■ 55.5921, 52.7552,
54.5277

■ 61.6877, 55.8703,
56.0463

Harmonies

Analogous

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



27.8159, 38.2251, 30.1912



27.0132, 38.2251, 43.9846



28.4995, 38.2251, 60.6426

Triad

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



27.0132, 38.2251, 43.9846



42.4771, 38.2251, 70.9124



40.9386, 38.2251, 20.2914

Complementary

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



27.0132, 38.2251, 43.9846



23.6988, 15.6540, 10.7906

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.



45.4818, 38.2251, 27.0612



27.0132, 38.2251, 43.9846



46.4295, 38.2251, 55.6222

Square

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



27.0132, 38.2251, 43.9846



37.1481, 38.2251, 78.4305



47.5793, 38.2251, 39.3429



35.5275, 38.2251, 18.6213

Rectangle

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



27.0132, 38.2251, 43.9846



30.6831, 38.2251, 70.5083



47.5793, 38.2251, 39.3429



42.6344, 38.2251, 21.9478

Sweetspot

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



27.0143, 38.2266, 43.9855



67.2685, 78.0155, 87.9003



22.2459, 36.4637, 12.3451



14.4552, 17.0268, 19.2634



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.



27.0143, 38.2266, 43.9855



45.2987, 66.9254, 76.2206



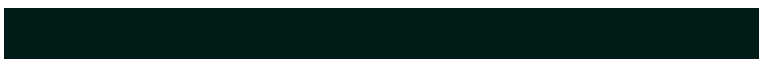
21.1999, 24.5310, 48.4190



9.2193, 10.1917, 11.3122



16.3281, 25.4322, 27.7135



0.5887, 0.9018, 1.0461

Inverse Universe

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



23.6988, 15.6540, 10.7906



38.8866, 22.9777, 11.8056



26.7793, 22.5901, 9.4282



9.0470, 9.0292, 9.5951



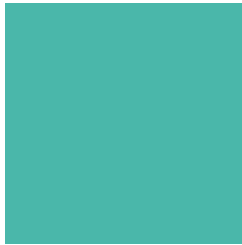
13.7371, 7.0686, 1.2367



0.4986, 0.2549, 0.1190

Previews

White Background



This preview shows how the XYZ color 27.0132, 38.2251, 43.9846 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 27.0132, 38.2251, 43.9846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

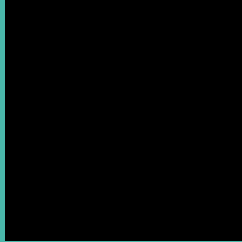
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.0132, 38.2251, 43.9846

Background



This preview shows how black text looks on a background with the XYZ color 27.0132, 38.2251, 43.9846.

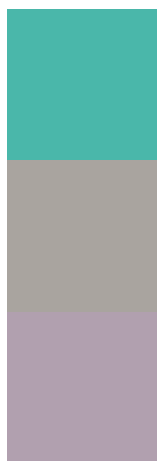


This preview shows how white text looks on a background with the XYZ color 27.0132, 38.2251,

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

27.0132, 38.2251, 43.9846

Protanopia

35.8957, 37.4891, 38.1451

Deuteranopia

38.4401, 37.5839, 45.7858



Tritanopia

29.5139, 38.0201, 56.8220

Trichromacy



Original Color

27.0132, 38.2251, 43.9846



Protanomaly

31.0053, 36.8385, 40.1267



Deuteranomaly

32.3607, 36.5978, 44.8937



Tritanomaly

28.3865, 37.8508, 51.7087

Monochromacy



Original Color

27.0132, 38.2251, 43.9846



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.8567, 32.0616, 36.6713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0132, 38.2251, 43.9846 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(74, 183, 170)` looks like.

```
.text, #text, p{  
  color:rgb(74, 183, 170)  
}
```

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(74, 183, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 183, 170) }
```

Border

The CSS property to change the border of an element to XYZ 27.0132, 38.2251, 43.9846 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(74, 183, 170) }
```


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

```
.border{ border-color:rgb(74, 183, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 183, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 183, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 183, 170);  
box-shadow:4px 4px 4px 4px rgb(74, 183,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0132, 38.2251, 43.9846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 183, 170) }
```

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

```
.background{ background-color: rgb(74, 183,  
170) }
```

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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