

Converting Colors

XYZ(27.0184, 38.9919, 52.5048)

Have a look what the booklet for
XYZ(27.0184, 38.9919, 52.5048)
contains.

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Color

**XYZ(27.0175, 38.9701,
52.5524)**

Conversions

Conversions Part 1

Format	Color
Hex	20BABA
RGB	32, 186, 186
RGB Percent	13%, 73%, 73%
CMY	0.8745, 0.2706, 0.2706
CMYK	0.83, 0.00, 0.00, 0.27
HSL	180°, 71%, 43%
HSV	180°, 83%, 73%
XYZ	27.0175, 38.9701, 52.5524
YIQ	139.9540, -91.7840, -32.6480

Conversions

Conversions Part 2

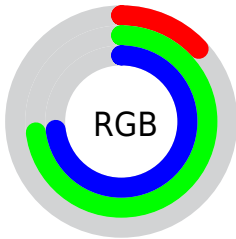
Format	Color
R _Y B	32, 109, 186
Decimal	2144954
CIE Lab	68.73, -36.46, -10.80
CIE LCh	69, 38.024, 196.496
Yxy	38.9701, 0.2279, 0.3288
Android (android.graphics.Color)	4280335034 (0xFF20BABA)
YUV	139.9540, 22.7007, -94.6757
Hunter-Lab	62.4260, -31.9922, -6.2142

Details

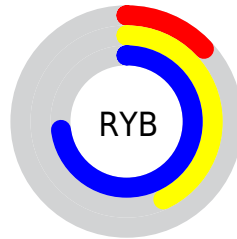
The XYZ color **27.0175, 38.9701, 52.5524** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.0282, 11.5776, 2.4940**, and the grayscale version is **24.8517, 26.1459, 28.4729**.

A 20% lighter version of the original color is **54.3843, 73.7632, 95.3758**, and **12.4849, 18.1960, 25.0445** is the 20% darker color. If you saturate the color by 10%, you get **26.5947, 38.7530, 52.5334**, and if you desaturate by 10%, it is **27.7685, 39.3581, 52.5885**.

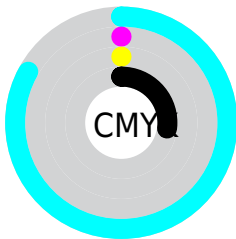
Distribution



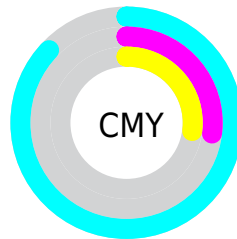
- Red (13%)
- Green (73%)
- Blue (73%)



- Red (13%)
- Yellow (43%)
- Blue (73%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (87%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0175, 38.9701, 52.5524 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 27.0175, 38.9701, 52.5524 by changing the saturation by 10% instead.

■ 27.0175, 38.9701,
52.5524

■ 27.0175, 38.9701,
52.5524

279.9078,
341.7634, 413.5830

■ 17.7230, 26.7365,
37.0603

■ 54.3316, 73.5926,
95.3803

■ 10.8498, 17.3754,
24.9580

■ 73.0820, 96.7503,
123.5531

■ 6.0325, 10.5025,
15.8271

■ 95.7151, 124.3182,
156.7899

■ 2.9057, 5.7334,
9.2488

■ 122.5961,
156.6806, 195.5093

■ 1.1041, 2.6836,
4.8048

■ 154.0906,
194.2219, 240.1298

■ 0.0285, 0.9689,
2.0765

190.5638,

■ 0.0000, 0.0000,

237.3265, 291.0698

0.6017

232.3811,
286.3789, 348.7481

■ 0.0000, 0.0000,
0.0000

■ 27.0175, 38.9701,
52.5524

■ 27.0175, 38.9701,
52.5524

■ 26.5947, 38.7530,
52.5334

■ 27.7685, 39.3581,
52.5885

■ 26.4225, 38.6642,
52.5253

■ 28.8921, 39.9373,
52.6412

■ 30.4296, 40.7300,
52.7133

■ 32.4160, 41.7540,
52.8063

■ 34.8824, 43.0254,
52.9219

■ 37.8573, 44.5591,
53.0612

■ 41.3670, 46.3683,
53.2256

■ 45.4358, 48.4659,
53.4161

■ 50.0867, 50.8635,
53.6338

Harmonies

Analogous

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



26.8910, 38.9701, 35.1555



27.0175, 38.9701, 52.5524



29.6328, 38.9701, 71.2868

Triad

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



27.0175, 38.9701, 52.5524



46.0810, 38.9701, 69.5719



39.8077, 38.9701, 17.6806

Complementary

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



27.0175, 38.9701, 52.5524



21.0282, 11.5776, 2.4940

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.



45.5886, 38.9701, 22.6510



27.0175, 38.9701, 52.5524



49.4665, 38.9701, 50.6486

Square

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



27.0175, 38.9701, 52.5524



40.4230, 38.9701, 82.7896



49.2771, 38.9701, 33.7019



33.8510, 38.9701, 17.9316

Rectangle

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



27.0175, 38.9701, 52.5524



32.6149, 38.9701, 80.6455



49.2771, 38.9701, 33.7019



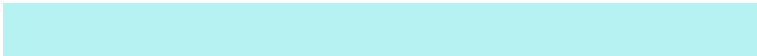
41.8481, 38.9701, 18.7230

Sweetspot

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



27.0187, 38.9716, 52.5533



67.1088, 79.9861, 96.1028



18.4994, 35.5734, 7.2588



14.3548, 17.3958, 21.1436



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.



27.0187, 38.9716, 52.5533



47.9211, 70.0945, 95.2034



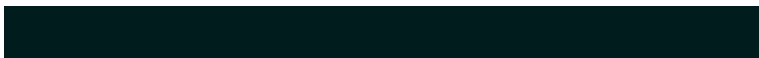
15.2067, 15.3474, 48.6168



9.2667, 10.2107, 11.5619



17.7757, 26.0112, 35.3362



0.6266, 0.9170, 1.2457

Inverse Universe

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



21.0282, 11.5776, 2.4940



36.7434, 18.9794, 1.7964



25.7110, 20.9432, 4.0548



9.0046, 9.0122, 9.3719



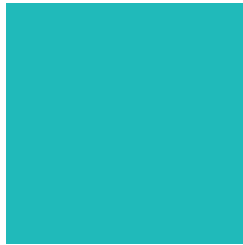
13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 27.0175, 38.9701, 52.5524 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 27.0175, 38.9701, 52.5524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

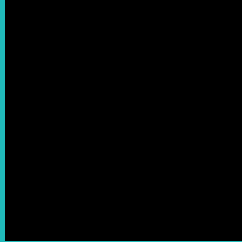
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

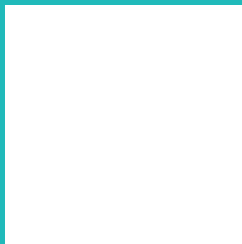
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0175, 38.9701, 52.5524

Background



This preview shows how black text looks on a background with the XYZ color 27.0175, 38.9701, 52.5524.

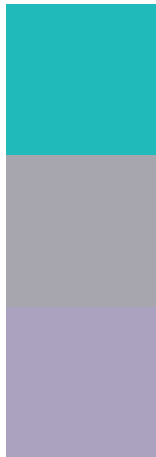


This preview shows how white text looks on a background with the XYZ color 27.0175, 38.9701,

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

27.0175, 38.9701, 52.5524

Protanopia

36.9343, 38.1429, 44.9508

Deuteranopia

39.1189, 38.2602, 54.6134



Tritanopia

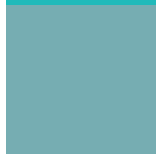
28.5315, 38.9624, 60.0496

Trichromacy



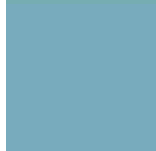
Original Color

27.0175, 38.9701, 52.5524



Protanomaly

30.4507, 36.9530, 47.6472



Deuteranomaly

31.4939, 36.7930, 53.5860



Tritanomaly

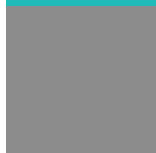
27.9616, 39.0441, 57.1015

Monochromacy



Original Color

27.0175, 38.9701, 52.5524



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

23.5096, 29.3150, 36.3176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0175, 38.9701, 52.5524 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(32, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(32, 186, 186)  
}
```

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(32, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 27.0175, 38.9701, 52.5524 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(32, 186, 186) }
```


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

```
.border{ border-color:rgb(32, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(32, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0175, 38.9701, 52.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 186, 186) }
```

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

```
.background{ background-color: rgb(32, 186,  
186) }
```

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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