

Converting Colors

XYZ(26.4685, 38.7309, 52.5953)

Have a look what the booklet for
XYZ(26.4685, 38.7309, 52.5953)
contains.

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Color

**XYZ(26.4218, 38.6630,
52.5245)**

Conversions

Conversions Part 1

Format	Color
Hex	00BABA
RGB	0, 186, 186
RGB Percent	0%, 73%, 73%
CMY	0.9999, 0.2706, 0.2706
CMYK	1.00, 0.00, 0.00, 0.27
HSL	180°, 100%, 36%
HSV	180°, 100%, 73%
XYZ	26.4218, 38.6630, 52.5245
YIQ	130.3860, -110.8560, -39.4320

Conversions

Conversions Part 2

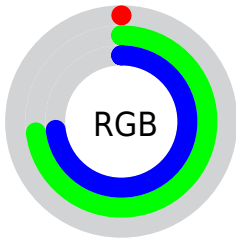
Format	Color
RYB	0, 93, 186
Decimal	47802
CIELab	68.51, -37.93, -11.15
CIELCh	69, 39.537, 196.386
Yxy	38.6630, 0.2247, 0.3287
Android (android.graphics.Color)	4278237882 (0xFF00BABA)
YUV	130.3860, 27.4177, -114.3485
Hunter-Lab	62.1796, -32.9647, -6.5579

Details

The XYZ color **26.4218, 38.6630, 52.5245** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.2509, 10.4403, 0.9488**, and the grayscale version is **21.2928, 22.4016, 24.3954**.

A 20% lighter version of the original color is **53.4444, 73.2787, 95.3318**, and **12.4849, 18.1960, 25.0445** is the 20% darker color. If you saturate the color by 10%, you get **26.4226, 38.6642, 52.5254**, and if you desaturate by 10%, it is **26.6840, 38.7990, 52.5377**.

Distribution



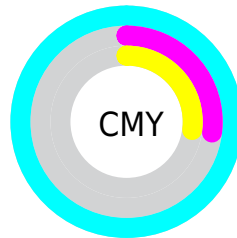
- Red (0%)
- Green (73%)
- Blue (73%)



- Red (0%)
- Yellow (36%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4218, 38.6630, 52.5245 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 26.4218, 38.6630, 52.5245 by changing the saturation by 10% instead.


 26.4218, 38.6630,
52.5245


 26.4218, 38.6630,
52.5245


277.0654,
340.4556, 413.4726


 17.2738, 26.4977,
37.0382


 53.3811, 73.1232,
95.3388


 10.5264, 17.1963,
24.9410


 71.9231, 96.1869,
123.5038


 5.8143, 10.3746,
15.8145


 94.3271, 123.6521,
156.7321

 2.7721, 5.6480,
9.2401

 120.9586,
155.9033, 195.4423

 1.0344, 2.6322,
4.7992

 152.1828,
193.3249, 240.0529

 0.0000, 0.9429,
2.0732

188.3651,

 0.0000, 0.0000,

236.3012, 290.9825

0.5998

229.8709,
285.2166, 348.6495

■ 0.0000, 0.0000,
0.0000

■ 26.4218, 38.6630,
52.5245

■ 26.4218, 38.6630,
52.5245

■ 26.4226, 38.6642,
52.5254

■ 26.6840, 38.7990,
52.5377

■ 27.1940, 39.0619,
52.5617

■ 28.0442, 39.5002,
52.6016

■ 29.2802, 40.1374,
52.6595

■ 30.9403, 40.9932,
52.7373

■ 33.0584, 42.0851,
52.8365

■ 35.6647, 43.4287,
52.9585

■ 38.7871, 45.0384,
53.1047

■ 42.4513, 46.9273,
53.2763

Harmonies

Analogous

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



26.3017, 38.6630, 34.5352



26.4218, 38.6630, 52.5245



29.0964, 38.6630, 72.1034

Triad

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



26.4218, 38.6630, 52.5245



46.1103, 38.6630, 70.4380



39.6372, 38.6630, 16.8019

Complementary

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



26.4218, 38.6630, 52.5245



20.2509, 10.4403, 0.9488

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.



45.6357, 38.6630, 21.8409



26.4218, 38.6630, 52.5245



49.6481, 38.6630, 50.6901

Square

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



26.4218, 38.6630, 52.5245



40.2283, 38.6630, 84.2781



49.4652, 38.6630, 33.1506



33.4745, 38.6630, 17.0356

Rectangle

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



26.4218, 38.6630, 52.5245



32.1601, 38.6630, 81.9528



49.4652, 38.6630, 33.1506



41.7528, 38.6630, 17.8569

Sweetspot

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



26.4230, 38.6644, 52.5254



64.3769, 78.5777, 95.9749



17.5989, 35.1393, 5.8560



13.7159, 17.0665, 21.1137



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.



26.4230, 38.6644, 52.5254



47.8909, 70.0789, 95.2023



13.0572, 11.9327, 48.0710



9.2667, 10.2107, 11.5619



17.7757, 26.0112, 35.3363



0.6266, 0.9170, 1.2457

Inverse Universe

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



20.2509, 10.4403, 0.9488



36.7038, 18.9215, 1.7178



23.8999, 17.7381, 2.1651



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 26.4218, 38.6630, 52.5245 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 26.4218, 38.6630, 52.5245 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

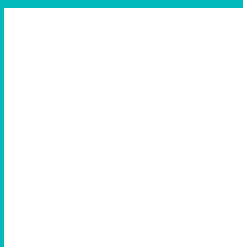
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4218, 38.6630, 52.5245

Background



This preview shows how black text looks on a background with the XYZ color 26.4218, 38.6630, 52.5245.

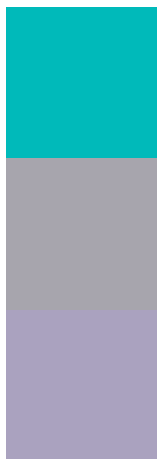


This preview shows how white text looks on a background with the XYZ color 26.4218, 38.6630,

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

26.4218, 38.6630, 52.5245

Protanopia

36.9343, 38.1429, 44.9508

Deuteranopia

38.9019, 38.1483, 54.6032



Tritanopia

28.1090, 38.7446, 60.0298

Trichromacy



Original Color

26.4218, 38.6630, 52.5245



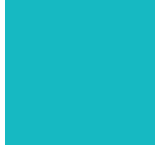
Protanomaly

28.9233, 36.1657, 47.5757



Deuteranomaly

29.9326, 35.9881, 53.5129



Tritanomaly

27.4174, 38.7635, 57.0760

Monochromacy



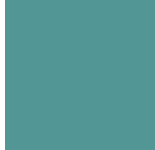
Original Color

26.4218, 38.6630, 52.5245



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

19.9786, 25.8537, 32.7914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4218, 38.6630, 52.5245 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(0, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 26.4218, 38.6630, 52.5245 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(0, 186, 186) }
```


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

```
.border{ border-color:rgb(0, 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(0, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4218, 38.6630, 52.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 186) }
```

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

```
.background{ background-color: rgb(0, 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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