

Converting Colors

XYZ(26.4415, 35.8840, 54.8229)

Have a look what the booklet for
XYZ(26.4415, 35.8840, 54.8229)
contains.

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Color

**XYZ(26.4415, 35.8840,
54.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	32B1BF
RGB	50, 177, 191
RGB Percent	20%, 69%, 75%
CMY	0.8039, 0.3059, 0.2510
CMYK	0.74, 0.07, 0.00, 0.25
HSL	186°, 59%, 47%
HSV	186°, 74%, 75%
XYZ	26.4415, 35.8840, 54.8229
YIQ	140.6230, -80.1860, -22.5700

Conversions

Conversions Part 2

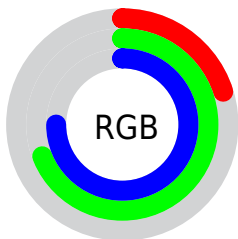
Format	Color
RYB	50, 117, 191
Decimal	3322303
CIELab	66.43, -28.91, -16.99
CIElCh	66, 33.527, 210.442
Yxy	35.8840, 0.2257, 0.3063
Android (android.graphics.Color)	4281512383 (0xFF32B1BF)
YUV	140.6230, 24.8359, -79.4764
Hunter-Lab	59.9033, -26.0402, -12.3294




Details

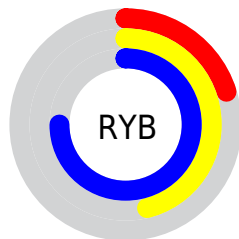
The XYZ color **26.4415, 35.8840, 54.8229** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.8959, 14.9746, 4.6496**, and the grayscale version is **25.0999, 26.4071, 28.7573**.




A 20% lighter version of the original color is **53.3986, 68.8448, 98.4697**, and **11.7951, 16.2503, 26.5597** is the 20% darker color. If you saturate the color by 10%, you get **25.3171, 34.7529, 54.6645**, and if you desaturate by 10%, it is **27.9660, 37.2306, 55.0031**.

Distribution







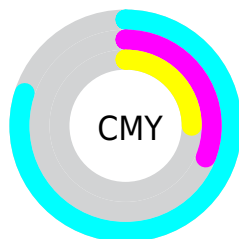
-  Red (20%)
-  Green (69%)
-  Blue (75%)






-  Red (20%)
-  Yellow (46%)
-  Blue (75%)



-  Cyan (74%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (80%)
-  Magenta (31%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4415, 35.8840, 54.8229 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 26.4415, 35.8840, 54.8229 by changing the saturation by 10% instead.

■ 26.4415, 35.8840,
54.8229

■ 26.4415, 35.8840,
54.8229

277.1598,
328.4532, 422.5033

■ 17.2886, 24.3446,
38.8623

■ 53.4126, 68.8530,
98.7500

■ 10.5371, 15.5895,
26.3456

■ 71.9615, 91.0514,
127.5535

■ 5.8215, 9.2341,
16.8543

■ 94.3732, 117.5716,
161.4752

■ 2.7764, 4.8942,
9.9698

■ 121.0129,
148.7979, 200.9334

■ 1.0367, 2.1853,
5.2736

■ 152.2461,
185.1149, 246.3468

■ 0.0000, 0.7120,
2.3471

188.4381,

■ 0.0000, 0.0000,

226.9069, 298.1339

0.7574

229.9542,
274.5582, 356.7132

■ 0.0000, 0.0000,
0.0000

■ 26.4415, 35.8840,
54.8229

■ 26.4415, 35.8840,
54.8229

■ 25.3171, 34.7529,
54.6645

■ 27.9660, 37.2306,
55.0031

■ 24.5369, 33.8061,
54.5229

■ 29.9308, 38.8112,
55.2047

■ 24.1637, 33.2809,
54.4412

■ 32.3748, 40.6466,
55.4301

■ 35.3318, 42.7543,
55.6811

■ 38.8324, 45.1501,
55.9590

■ 42.9049, 47.8486,
56.2653

■ 47.5755, 50.8634,
56.6010

■ 52.8689, 54.2071,
56.9674

■ 58.8083, 57.8919,
57.3656

Harmonies

Analogous

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



25.3343, 35.8840, 39.2854



26.4415, 35.8840, 54.8229



29.5621, 35.8840, 68.3975

Triad

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



26.4415, 35.8840, 54.8229



43.2134, 35.8840, 54.3609



34.0322, 35.8840, 17.4309

Complementary

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



26.4415, 35.8840, 54.8229



23.8959, 14.9746, 4.6496

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.



39.0946, 35.8840, 19.6169



26.4415, 35.8840, 54.8229



44.7011, 35.8840, 38.8585

Square

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



26.4415, 35.8840, 54.8229



39.2362, 35.8840, 68.0880



43.1262, 35.8840, 26.6693



29.4449, 35.8840, 19.7521

Rectangle

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



26.4415, 35.8840, 54.8229



32.5285, 35.8840, 73.1740



43.1262, 35.8840, 26.6693



35.7350, 35.8840, 17.6555

Sweetspot

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



26.4426, 35.8853, 54.8238



70.5542, 81.5385, 100.2990



20.8098, 38.2856, 10.8159



15.0843, 17.6301, 21.9932



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.4426, 35.8853, 54.8238



44.3588, 61.0903, 97.7328



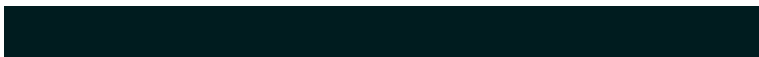
16.1626, 15.3253, 51.3971



9.7254, 10.6432, 12.2140



15.9132, 21.9382, 35.7887



0.6470, 0.9067, 1.4098

Inverse Universe

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



30.5632, 16.5330, 43.1767



52.5360, 26.0945, 73.8551



30.3479, 27.8786, 6.8003



9.8880, 9.6795, 11.7993



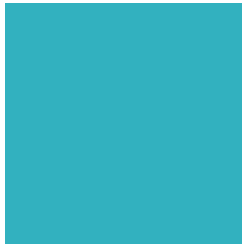
19.0330, 9.2444, 26.5313



0.7575, 0.3669, 1.1022

Previews

White Background



This preview shows how the XYZ color 26.4415, 35.8840, 54.8229 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 26.4415, 35.8840, 54.8229 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

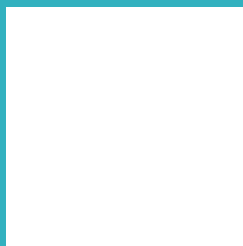
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4415, 35.8840, 54.8229

Background



This preview shows how black text looks on a background with the XYZ color 26.4415, 35.8840, 54.8229.

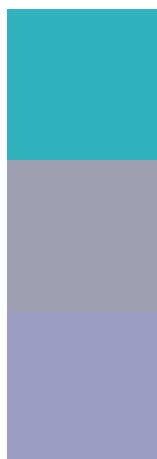


This preview shows how white text looks on a background with the XYZ color 26.4415, 35.8840,

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

26.4415, 35.8840, 54.8229

Protanopia

34.6354, 35.3200, 47.6398

Deuteranopia

36.0078, 35.3232, 56.5500



Tritanopia

26.4415, 35.8840, 54.8229

Trichromacy



Original Color

26.4415, 35.8840, 54.8229



Protanomaly

29.7912, 34.6133, 49.9106



Deuteranomaly

30.6208, 34.3679, 56.0587



Tritanomaly

26.4415, 35.8840, 54.8229

Monochromacy



Original Color

26.4415, 35.8840, 54.8229



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

23.9980, 28.8026, 37.0955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4415, 35.8840, 54.8229 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(50, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(50, 177, 191)  
}
```

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(50, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 177, 191) }
```

Border

The CSS property to change the border of an element to XYZ 26.4415, 35.8840, 54.8229 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(50, 177, 191) }
```


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

```
.border{ border-color:rgb(50, 177, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 177, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(50, 177,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4415, 35.8840, 54.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 177, 191) }
```

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

```
.background{ background-color: rgb(50, 177,  
191) }
```

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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