

Converting Colors

XYZ(26.8842, 35.0554, 50.1492)

Have a look what the booklet for
XYZ(26.8842, 35.0554, 50.1492)
contains.

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Color

**XYZ(26.8842, 35.0554,
50.1492)**

Conversions

Conversions Part 1

Format	Color
Hex	51ADB7
RGB	81, 173, 183
RGB Percent	32%, 68%, 72%
CMY	0.6823, 0.3216, 0.2823
CMYK	0.56, 0.05, 0.00, 0.28
HSL	186°, 41%, 52%
HSV	186°, 56%, 72%
XYZ	26.8842, 35.0554, 50.1492
YIQ	146.6320, -58.0420, -16.3940

Conversions

Conversions Part 2

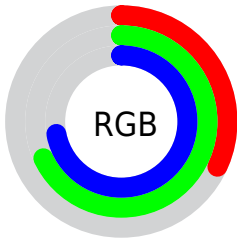
Format	Color
R _Y B	81, 129, 183
Decimal	5352887
CIE Lab	65.79, -24.34, -13.43
CIE LCh	66, 27.799, 208.897
Yxy	35.0554, 0.2398, 0.3127
Android (android.graphics.Color)	4283542967 (0xFF51ADB7)
YUV	146.6320, 17.9294, -57.5593
Hunter-Lab	59.2076, -22.5624, -8.7737

Details

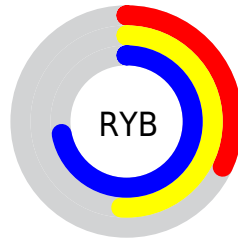
The XYZ color **26.8842, 35.0554, 50.1492** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.7555, 18.1444, 9.9831**, and the grayscale version is **27.5280, 28.9616, 31.5392**.

A 20% lighter version of the original color is **54.2468, 67.7596, 91.8812**, and **10.7457, 15.0446, 23.4566** is the 20% darker color. If you saturate the color by 10%, you get **25.1809, 33.6708, 49.9724**, and if you desaturate by 10%, it is **29.0168, 36.6697, 50.3490**.

Distribution



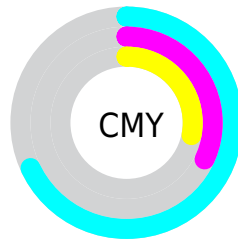
- Red (32%)
- Green (68%)
- Blue (72%)



- Red (32%)
- Yellow (51%)
- Blue (72%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (68%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8842, 35.0554, 50.1492 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 26.8842, 35.0554, 50.1492 by changing the saturation by 10% instead.

■ 26.8842, 35.0554,
50.1492

■ 26.8842, 35.0554,
50.1492

279.2738,
324.8128, 404.0009

■ 17.6224, 23.7056,
35.1600

■ 54.1192, 67.5716,
91.7945

■ 10.7773, 15.1153,
23.5016

■ 72.8231, 89.5067,
119.2876

■ 5.9835, 8.9004,
14.7555

■ 95.4051, 115.7390,
151.7857

■ 2.8756, 4.6763,
8.5033

■ 122.2305,
146.6530, 189.7075

■ 1.0883, 2.0586,
4.3263

153.6648,
182.6330, 233.4713

■ 0.0153, 0.6412,
1.8060

190.0731,

■ 0.0000, 0.0000,

224.0633, 283.4958

0.4319

231.8210,
271.3285, 340.1995

■ 0.0000, 0.0000,
0.0000

■ 26.8842, 35.0554,
50.1492

■ 26.8842, 35.0554,
50.1492

■ 25.1809, 33.6708,
49.9724

■ 29.0168, 36.6697,
50.3490

■ 23.8689, 32.4940,
49.8144

■ 31.6065, 38.5257,
50.5708

■ 22.9088, 31.5055,
49.6742

■ 34.6824, 40.6393,
50.8166

■ 22.2499, 30.6789,
49.5493

■ 38.2703, 43.0238,
51.0878

■ 22.0137, 30.3516,
49.4986

■ 42.3942, 45.6916,
51.3854

■ 47.0765, 48.6542,
51.7104

■ 52.3383, 51.9226,
52.0639

■ 58.1998, 55.5071,
52.4469

■ 64.6800, 59.4177,
52.8602

Harmonies

Analogous

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



26.0438, 35.0554, 37.7365



26.8842, 35.0554, 50.1492



29.4112, 35.0554, 60.9425

Triad

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



26.8842, 35.0554, 50.1492



40.5335, 35.0554, 51.0575



33.4711, 35.0554, 19.7569

Complementary

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



26.8842, 35.0554, 50.1492



24.7555, 18.1444, 9.9831

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.



37.5587, 35.0554, 21.9207



26.8842, 35.0554, 50.1492



41.8368, 35.0554, 38.6056

Square

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



26.8842, 35.0554, 50.1492



37.2748, 35.0554, 61.5380



40.7067, 35.0554, 28.2676



29.6537, 35.0554, 21.6218

Rectangle

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



26.8842, 35.0554, 50.1492



31.8242, 35.0554, 64.8801



40.7067, 35.0554, 28.2676



34.8601, 35.0554, 20.0278

Sweetspot

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



26.8853, 35.0567, 50.1500



67.4856, 76.3612, 91.4180



22.1520, 36.3468, 15.4109



14.6121, 16.6722, 20.1695



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.



26.8853, 35.0567, 50.1500



44.4795, 59.7706, 89.4283



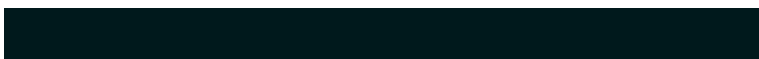
19.0868, 19.4597, 47.5505



9.1894, 10.0561, 11.5361



15.3849, 21.2296, 34.5399



0.5643, 0.7923, 1.2249

Inverse Universe

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



30.0147, 18.9703, 41.6163



50.8458, 28.7672, 71.6813



30.4659, 29.5651, 11.8865



9.3420, 9.1472, 11.1482



18.3793, 8.9255, 25.6819



0.6590, 0.3191, 0.9636

Previews

White Background



This preview shows how the XYZ color 26.8842, 35.0554, 50.1492 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 26.8842, 35.0554, 50.1492 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

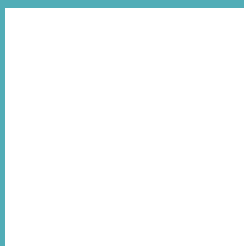
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8842, 35.0554, 50.1492

Background



This preview shows how black text looks on a background with the XYZ color 26.8842, 35.0554, 50.1492.

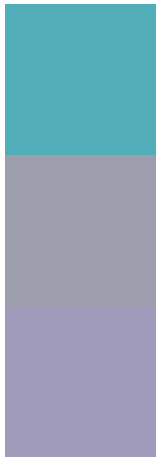


This preview shows how white text looks on a background with the XYZ color 26.8842, 35.0554,

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

26.8842, 35.0554, 50.1492

Protanopia

33.6743, 34.6389, 44.4463

Deuteranopia

35.3889, 34.6076, 51.8284



Tritanopia

27.0951, 34.8441, 51.7519

Trichromacy



Original Color

26.8842, 35.0554, 50.1492

Protanomaly

30.0863, 34.0358, 46.5788

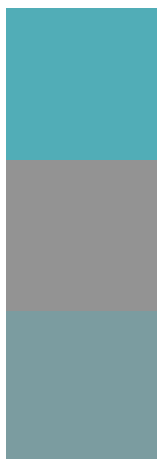
Deuteranomaly

31.2990, 34.2914, 51.4236

Tritanomaly

26.9892, 34.8017, 51.1939

Monochromacy



Original Color

26.8842, 35.0554, 50.1492

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.4020, 30.5260, 37.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8842, 35.0554, 50.1492 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(81, 173, 183)` looks like.

```
.text, #text, p{  
    color:rgb(81, 173, 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(81, 173, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 173, 183) }
```

Border

The CSS property to change the border of an element to XYZ 26.8842, 35.0554, 50.1492 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(81, 173, 183) }
```


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

```
.border{ border-color:rgb(81, 173, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 173, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 173, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 173, 183);  
box-shadow:4px 4px 4px 4px rgb(81, 173,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8842, 35.0554, 50.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 173, 183) }
```

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

```
.background{ background-color: rgb(81, 173,  
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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