

Converting Colors

XYZ(25.5212, 34.7496, 54.7974)

Have a look what the booklet for
XYZ(25.5212, 34.7496, 54.7974)
contains.

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Color

**XYZ(25.5333, 34.8336,
54.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	26AFBF
RGB	38, 175, 191
RGB Percent	15%, 69%, 75%
CMY	0.8509, 0.3137, 0.2510
CMYK	0.80, 0.08, 0.00, 0.25
HSL	186°, 67%, 45%
HSV	186°, 80%, 75%
XYZ	25.5333, 34.8336, 54.6680
YIQ	135.8610, -86.7880, -24.0680

Conversions

Conversions Part 2

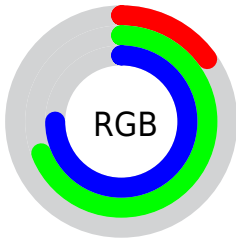
Format	Color
R _Y B	38, 110, 191
Decimal	2535359
CIE Lab	65.62, -29.18, -18.24
CIE LCh	66, 34.414, 212.002
Yxy	34.8336, 0.2220, 0.3028
Android (android.graphics.Color)	4280725439 (0xFF26AFBF)
YUV	135.8610, 27.1835, -85.8241
Hunter-Lab	59.0200, -26.0621, -13.6041




Details

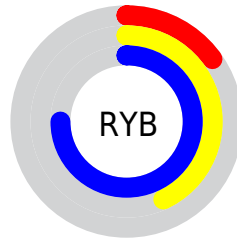
The XYZ color **25.5333, 34.8336, 54.6680** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.1560, 13.8561, 3.2890**, and the grayscale version is **23.2766, 24.4888, 26.6683**.




A 20% lighter version of the original color is **51.9200, 67.2467, 98.2391**, and **11.5470, 15.7540, 26.4770** is the 20% darker color. If you saturate the color by 10%, you get **24.6155, 33.7883, 54.5153**, and if you desaturate by 10%, it is **26.8201, 36.0791, 54.8412**.

Distribution







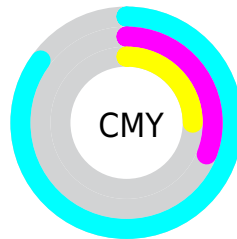
-  Red (15%)
-  Green (69%)
-  Blue (75%)






-  Red (15%)
-  Yellow (43%)
-  Blue (75%)



-  Cyan (80%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (25%)





-  Cyan (85%)
-  Magenta (31%)
-  Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5333, 34.8336, 54.6680 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 25.5333, 34.8336, 54.6680 by changing the saturation by 10% instead.


 25.5333, 34.8336,
54.6680


 25.5333, 34.8336,
54.6680

272.7824,
323.8332, 421.8986


 16.6057, 23.5347,
38.7392


 51.9578, 67.2279,
98.5206


 10.0473, 14.9888,
26.2506


 70.1853, 89.0921,
127.2815


 5.4928, 8.8116,
16.7838


 92.2435, 115.2469,
161.1568

 2.5769, 4.6185,
9.9201

 118.4978,
146.0767, 200.5651

 0.9342, 2.0252,
5.2411

 149.3135,
181.9658, 245.9248

 0.0000, 0.6220,
2.3282

185.0559,

 0.0000, 0.0000,

223.2987, 297.6547

0.7470

226.0904,
270.4597, 356.1731

■ 0.0000, 0.0000,
0.0000

■ 25.5333, 34.8336,
54.6680

■ 25.5333, 34.8336,
54.6680

■ 24.6155, 33.7883,
54.5153

■ 26.8201, 36.0791,
54.8412

■ 23.9721, 32.8977,
54.3773

■ 28.5212, 37.5460,
55.0347

■ 30.6790, 39.2570,
55.2513

■ 33.3295, 41.2306,
55.4925

■ 36.5052, 43.4837,
55.7600

■ 40.2360, 46.0316,
56.0552

■ 44.5491, 48.8885,
56.3793

■ 49.4704, 52.0677,
56.7336

■ 55.0237, 55.5816,
57.1191

Harmonies

Analogous

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



24.3164, 34.8336, 38.9081



25.5333, 34.8336, 54.6680



28.7533, 34.8336, 68.1847

Triad

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



25.5333, 34.8336, 54.6680



42.4496, 34.8336, 52.5479



32.7701, 34.8336, 16.3615

Complementary

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



25.5333, 34.8336, 54.6680



23.1560, 13.8561, 3.2890

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.



37.8822, 34.8336, 18.2818



25.5333, 34.8336, 54.6680



43.7988, 34.8336, 36.9642

Square

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



25.5333, 34.8336, 54.6680



38.5289, 34.8336, 66.7578



42.0503, 34.8336, 25.0100



28.2216, 34.8336, 18.8858

Rectangle

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



25.5333, 34.8336, 54.6680



31.7747, 34.8336, 72.6956



42.0503, 34.8336, 25.0100



34.4787, 34.8336, 16.5068

Sweetspot

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



25.5344, 34.8349, 54.6688



69.0755, 80.4213, 100.1613



20.0807, 37.9344, 9.6698



14.6479, 17.3030, 21.9531



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.



25.5344, 34.8349, 54.6688



43.2255, 59.3190, 97.4506



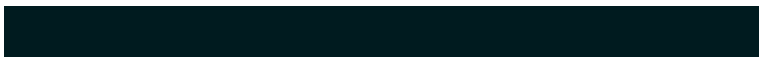
14.6856, 13.1373, 51.0526



9.7210, 10.6344, 12.2125



15.7888, 21.6893, 35.7472



0.6432, 0.8992, 1.4085

Inverse Universe

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



29.9178, 15.5589, 41.9850



51.8431, 25.3544, 71.6332



29.7931, 27.1304, 5.5014



9.8858, 9.6786, 11.7876



18.9702, 9.2192, 26.2006



0.7556, 0.3661, 1.0922

Previews

White Background



This preview shows how the XYZ color 25.5333, 34.8336, 54.6680 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 25.5333, 34.8336, 54.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

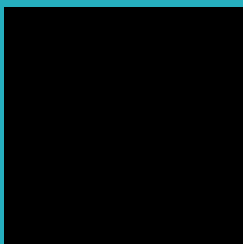
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

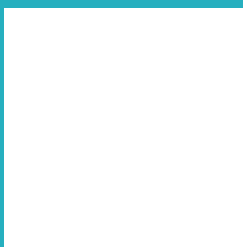
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5333, 34.8336, 54.6680

Background



This preview shows how black text looks on a background with the XYZ color 25.5333, 34.8336, 54.6680.

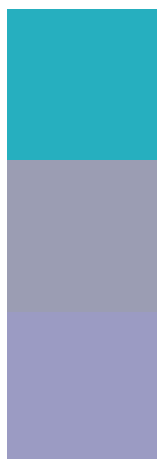


This preview shows how white text looks on a background with the XYZ color 25.5333, 34.8336,

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

25.5333, 34.8336, 54.6680

Protanopia

33.7112, 34.3372, 47.4988

Deuteranopia

35.0892, 34.3514, 56.4108



Tritanopia

25.2428, 34.7091, 53.5132

Trichromacy



Original Color

25.5333, 34.8336, 54.6680



Protanomaly

28.5048, 33.4146, 49.7470



Deuteranomaly

29.3400, 33.1804, 55.8970



Tritanomaly

25.3872, 34.7710, 54.0886

Monochromacy



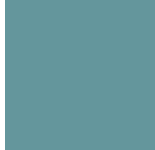
Original Color

25.5333, 34.8336, 54.6680



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

22.1626, 26.9223, 35.4809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5333, 34.8336, 54.6680 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(38, 175, 191)` looks like.

```
.text, #text, p{  
    color:rgb(38, 175, 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(38, 175, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 175, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.5333, 34.8336, 54.6680 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(38, 175, 191) }
```


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

```
.border{ border-color:rgb(38, 175, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 175, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 175, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 175, 191);  
box-shadow:4px 4px 4px 4px rgb(38, 175,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5333, 34.8336, 54.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 175, 191) }
```

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

```
.background{ background-color: rgb(38, 175,  
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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