

Converting Colors

XYZ(25.4316, 34.2686, 45.4487)

Have a look what the booklet for
XYZ(25.4316, 34.2686, 45.4487)
contains.

XYZ(25.4852, 34.4390, 45.3486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4852, 34.4390,
45.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	4BADAE
RGB	75, 173, 174
RGB Percent	29%, 68%, 68%
CMY	0.7059, 0.3216, 0.3176
CMYK	0.57, 0.01, 0.00, 0.32
HSL	181°, 40%, 49%
HSV	181°, 57%, 68%
XYZ	25.4852, 34.4390, 45.3486
YIQ	143.8120, -58.7290, -20.4650

Conversions

Conversions Part 2

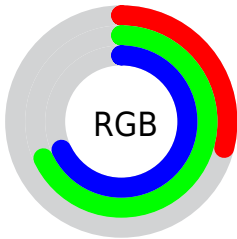
Format	Color
RYB	75, 124, 174
Decimal	4959662
CIELab	65.31, -28.05, -9.17
CIElCh	65, 29.514, 198.101
Yxy	34.4390, 0.2421, 0.3271
Android (android.graphics.Color)	4283149742 (0xFF4BADAE)
YUV	143.8120, 14.8827, -60.3481
Hunter-Lab	58.6848, -25.1806, -4.7370

Details

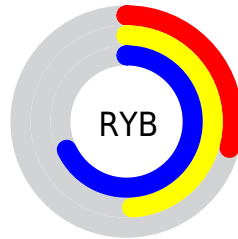
The XYZ color **25.4852, 34.4390, 45.3486** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.3106, 14.6762, 8.3670**, and the grayscale version is **26.3936, 27.7681, 30.2395**.

A 20% lighter version of the original color is **51.8350, 66.6823, 84.2677**, and **10.2293, 14.8381, 20.7372** is the 20% darker color. If you saturate the color by 10%, you get **24.2726, 33.7647, 45.2830**, and if you desaturate by 10%, it is **27.0721, 35.3078, 45.4333**.

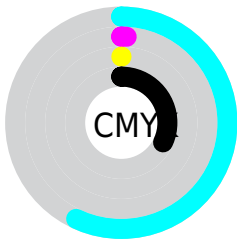
Distribution



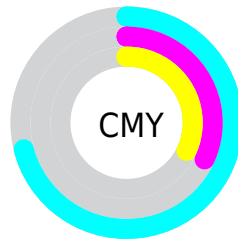
- Red (29%)
- Green (68%)
- Blue (68%)



- Red (29%)
- Yellow (49%)
- Blue (68%)



- Cyan (57%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)



- Cyan (71%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4852, 34.4390, 45.3486 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 25.4852, 34.4390, 45.3486 by changing the saturation by 10% instead.

■ 25.4852, 34.4390,
45.3486

■ 25.4852, 34.4390,
45.3486

272.5490,
322.0851, 384.3848

■ 16.5696, 23.2311,
31.3871

■ 51.8805, 66.6158,
84.5673

■ 10.0215, 14.7642,
20.6329

■ 70.0909, 88.3534,
110.6616

■ 5.4756, 8.6541,
12.6673

■ 92.1303, 114.3697,
141.6372

■ 2.5665, 4.5162,
7.0718

■ 118.3640,
145.0490, 177.9128

■ 0.9289, 1.9663,
3.4279

■ 149.1573,
180.7759, 219.9068

■ 0.0000, 0.5878,
1.3171

184.8757,

■ 0.0000, 0.0000,

221.9346, 268.0377

0.0757

225.8845,
268.9095, 322.7242

■ 0.0000, 0.0000,
0.0000

■ 25.4852, 34.4390,
45.3486

■ 25.4852, 34.4390,
45.3486

■ 24.2726, 33.7647,
45.2830

■ 27.0721, 35.3078,
45.4333

■ 23.4000, 33.2651,
45.2325

■ 29.0578, 36.3816,
45.5359

■ 22.8323, 32.9226,
45.1963

■ 31.4683, 37.6744,
45.6584

■ 22.5176, 32.7106,
45.1720

■ 34.3268, 39.1981,
45.8018

■ 22.4396, 32.6550,
45.1654

■ 37.6544, 40.9638,
45.9672

■ 41.4712, 42.9818,
46.1556

■ 45.7959, 45.2617,
46.3677

■ 50.6465, 47.8126,
46.6044

■ 56.0398, 50.6435,
46.8666

Harmonies

Analogous

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



25.2897, 34.4390, 32.8239



25.4852, 34.4390, 45.3486



27.5154, 34.4390, 58.0336

Triad

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



25.4852, 34.4390, 45.3486



39.2825, 34.4390, 55.6426



34.4681, 34.4390, 18.7696

Complementary

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



25.4852, 34.4390, 45.3486



21.3106, 14.6762, 8.3670

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.



38.5723, 34.4390, 22.4879



25.4852, 34.4390, 45.3486



41.5104, 34.4390, 42.5964

Square

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



25.4852, 34.4390, 45.3486



35.3704, 34.4390, 64.8153



41.2397, 34.4390, 30.6105



30.2305, 34.4390, 19.1909

Rectangle

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



25.4852, 34.4390, 45.3486



29.7448, 34.4390, 64.0453



41.2397, 34.4390, 30.6105



35.9155, 34.4390, 19.5364

Sweetspot

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



25.4862, 34.4403, 45.3494



62.0373, 70.9798, 83.0676



19.3085, 32.2767, 11.8698



13.5498, 15.6490, 18.4507



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4862, 34.4403, 45.3494



43.6092, 61.0086, 82.1143



17.8130, 19.0938, 42.7917



8.2293, 9.0580, 10.2673



16.2781, 23.6901, 32.7592



0.4550, 0.6633, 0.9120

Inverse Universe

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



27.5153, 17.0488, 41.3771



47.6651, 26.4963, 74.1181



25.9968, 24.0486, 9.9291



8.3336, 8.1467, 10.0673



18.0801, 8.6946, 29.1309



0.5041, 0.2423, 0.8161

Previews

White Background



This preview shows how the XYZ color 25.4852, 34.4390, 45.3486 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 25.4852, 34.4390, 45.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

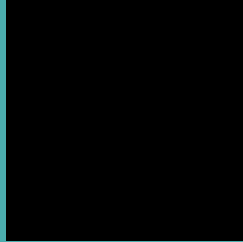
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4852, 34.4390, 45.3486

Background



This preview shows how black text looks on a background with the XYZ color 25.4852, 34.4390, 45.3486.

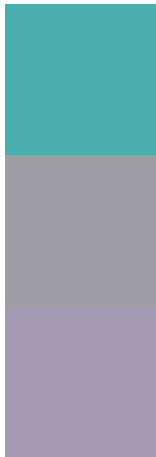


This preview shows how white text looks on a background with the XYZ color 25.4852, 34.4390,

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

25.4852, 34.4390, 45.3486

Protanopia

32.8584, 34.0634, 39.9650

Deuteranopia

34.5314, 33.7833, 46.8203



Tritanopia

26.5443, 34.2909, 51.1187

Trichromacy



Original Color

25.4852, 34.4390, 45.3486

Protanomaly

29.0672, 33.6107, 42.0013

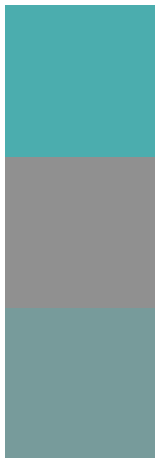
Deuteranomaly

29.8667, 33.1412, 46.4177

Tritanomaly

26.2349, 34.4609, 48.9850

Monochromacy



Original Color

25.4852, 34.4390, 45.3486

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2455, 29.7312, 35.4185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4852, 34.4390, 45.3486 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(75, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(75, 173, 174)  
}
```

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(75, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 173, 174) }
```

Border

The CSS property to change the border of an element to XYZ 25.4852, 34.4390, 45.3486 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(75, 173, 174) }
```


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

```
.border{ border-color:rgb(75, 173, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 173, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(75, 173,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4852, 34.4390, 45.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 173, 174) }
```

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

```
.background{ background-color: rgb(75, 173,  
174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor