

Converting Colors

XYZ(24.8231, 33.8067, 59.0298)

Have a look what the booklet for
XYZ(24.8231, 33.8067, 59.0298)
contains.

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Color

**XYZ(25.2524, 34.0107,
59.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADC7
RGB	0, 173, 199
RGB Percent	0%, 68%, 78%
CMY	0.9998, 0.3216, 0.2196
CMYK	1.00, 0.13, 0.00, 0.22
HSL	188°, 100%, 39%
HSV	188°, 100%, 78%
XYZ	25.2524, 34.0107, 59.2666
YIQ	124.2370, -111.4540, -28.5900

Conversions

Conversions Part 2

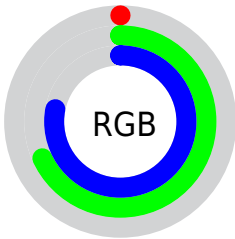
Format	Color
RYB	0, 93, 199
Decimal	44487
CIELab	64.97, -27.58, -23.69
CIELCh	65, 36.359, 220.664
Yxy	34.0107, 0.2130, 0.2869
Android (android.graphics.Color)	4278234567 (0xFF00ADC7)
YUV	124.2370, 36.8582, -108.9558
Hunter-Lab	58.3187, -24.7660, -19.4306

Details

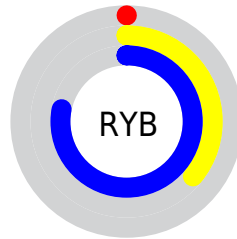
The XYZ color **25.2524, 34.0107, 59.2666** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **23.9241, 12.8831, 1.2270**, and the grayscale version is **19.1496, 20.1468, 21.9399**.

A 20% lighter version of the original color is **51.4361, 66.0253, 104.6409**, and **11.8273, 15.4773, 29.1521** is the 20% darker color. If you saturate the color by 10%, you get **25.2518, 34.0094, 59.2670**, and if you desaturate by 10%, it is **26.0439, 35.1669, 59.4487**.

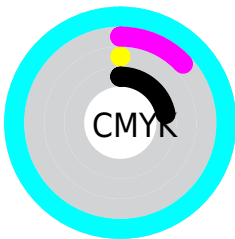
Distribution



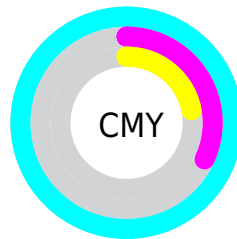
- Red (0%)
- Green (68%)
- Blue (78%)



- Red (0%)
- Yellow (36%)
- Blue (78%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2524, 34.0107, 59.2666 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 25.2524, 34.0107, 59.2666 by changing the saturation by 10% instead.

■ 25.2524, 34.0107,
59.2666

■ 25.2524, 34.0107,
59.2666

271.4171,
320.1798, 439.6185

■ 16.3949, 22.9018,
42.4063

■ 51.5063, 65.9503,
105.2980

■ 9.8967, 14.5210,
29.0917

■ 69.6335, 87.5498,
135.3062

■ 5.3922, 8.4839,
18.9040

■ 91.5813, 113.4150,
170.5341

■ 2.5163, 4.4061,
11.4248

■ 117.7151,
143.9303, 211.4003

■ 0.9035, 1.9032,
6.2356

■ 148.4002,
179.4800, 258.3233

■ 0.0000, 0.5503,
2.9178

184.0020,

■ 0.0000, 0.0000,

220.4485, 311.7216

1.0528

224.8859,
267.2203, 372.0139

■ 0.0000, 0.0000,
0.0000

■ 25.2524, 34.0107,
59.2666

■ 25.2524, 34.0107,
59.2666

■ 25.2518, 34.0094,
59.2670

■ 26.0439, 35.1669,
59.4487

■ 27.1389, 36.4933,
59.6470

■ 28.6410, 38.0443,
59.8672

■ 30.6043, 39.8476,
60.1118

■ 33.0742, 41.9268,
60.3830

■ 36.0907, 44.3026,
60.6826

■ 39.6898, 46.9936,
61.0123

■ 43.9044, 50.0169,
61.3737

■ 48.7647, 53.3881,
61.7682

Harmonies

Analogous

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



23.3796, 34.0107, 42.6485



25.2524, 34.0107, 59.2666



29.0952, 34.0107, 71.5926

Triad

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



25.2524, 34.0107, 59.2666



42.8269, 34.0107, 47.4616



30.4924, 34.0107, 15.2545

Complementary

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



25.2524, 34.0107, 59.2666



23.9241, 12.8831, 1.2270

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.



35.7879, 34.0107, 15.8899



25.2524, 34.0107, 59.2666



43.3056, 34.0107, 31.9314

Square

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



25.2524, 34.0107, 59.2666



39.3664, 34.0107, 63.6005



40.6110, 34.0107, 21.1966



26.1797, 34.0107, 19.1348

Rectangle

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



25.2524, 34.0107, 59.2666



32.4435, 34.0107, 74.1521



40.6110, 34.0107, 21.1966



32.2091, 34.0107, 14.9805

Sweetspot

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



25.2535, 34.0119, 59.2674



69.1785, 82.0511, 106.7991



20.5815, 40.9105, 7.6359



14.2070, 17.1184, 22.8053



0.0000, 0.0000, 0.0000



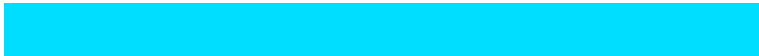
20.3446, 21.4041, 23.3091

Same Dimension

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



25.2535, 34.0119, 59.2674



44.0858, 59.2916, 103.7286



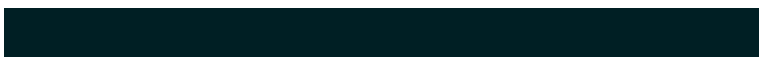
12.9154, 9.3357, 55.1547



10.8239, 11.8219, 13.6289



16.2830, 21.9600, 38.1249



0.8048, 1.1073, 1.8165

Inverse Universe

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



31.0970, 15.1605, 40.8236



54.3817, 26.5167, 71.1330



30.6038, 26.2425, 3.4536



11.0212, 10.7919, 13.0947



20.0183, 9.7569, 26.3697



0.9649, 0.4688, 1.3384

Previews

White Background



This preview shows how the XYZ color 25.2524, 34.0107, 59.2666 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 25.2524, 34.0107, 59.2666 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 25.2524, 34.0107, 59.2666

Background



This preview shows how black text looks on a background with the XYZ color 25.2524, 34.0107, 59.2666.



This preview shows how white text looks on a background with the XYZ color 25.2524, 34.0107,

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

25.2524, 34.0107, 59.2666

Protanopia

33.2687, 33.5146, 51.7292

Deuteranopia

34.3677, 33.6260, 61.1790



Tritanopia

24.2132, 33.9029, 52.8447

Trichromacy



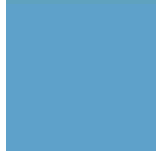
Original Color

25.2524, 34.0107, 59.2666



Protanomaly

27.0436, 32.0351, 54.0483



Deuteranomaly

28.0216, 32.1337, 60.6026



Tritanomaly

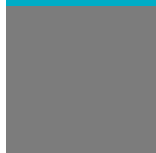
24.6505, 34.0779, 55.1476

Monochromacy



Original Color

25.2524, 34.0107, 59.2666



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

18.4834, 23.2426, 32.7903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2524, 34.0107, 59.2666 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, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 199)  
}
```

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, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 199) }
```

Border

The CSS property to change the border of an element to XYZ 25.2524, 34.0107, 59.2666 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, 173, 199) }
```


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

```
.border{ border-color:rgb(0, 173, 199) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2524, 34.0107, 59.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 199) }
```

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

```
.background{ background-color: rgb(0, 173,  
199) }
```

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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