

Converting Colors

XYZ(25.9104, 55.0327, 39.8463)

Have a look what the booklet for
XYZ(25.9104, 55.0327, 39.8463)
contains.

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Color

**XYZ(34.4086, 59.4849,
40.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	00E79A
RGB	0, 231, 154
RGB Percent	0%, 91%, 60%
CMY	0.9999, 0.0941, 0.3961
CMYK	1.00, 0.00, 0.33, 0.09
HSL	160°, 100%, 45%
HSV	160°, 100%, 91%
XYZ	34.4086, 59.4849, 40.2401
YIQ	153.1530, -112.9590, -72.9190

Conversions

Conversions Part 2

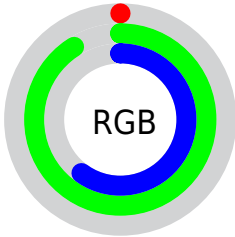
Format	Color
RYB	0, 139, 231
Decimal	59290
CIELab	81.56, -64.15, 24.68
CIELCh	82, 68.736, 158.961
Yxy	59.4849, 0.2565, 0.4435
Android (android.graphics.Color)	4278249370 (0xFF00E79A)
YUV	153.1530, 0.4176, -134.3152
Hunter-Lab	77.1265, -55.3367, 23.0544

Details

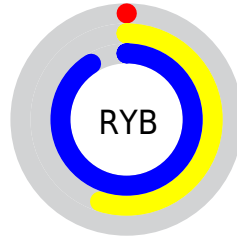
The XYZ color **34.4086, 59.4849, 40.2401** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **34.2968, 17.5261, 8.6004**, and the grayscale version is **30.3817, 31.9640, 34.8087**.

A 20% lighter version of the original color is **53.5753, 79.3747, 72.8187**, and **17.5343, 31.2314, 17.6745** is the 20% darker color. If you saturate the color by 10%, you get **34.4094, 59.4869, 40.2385**, and if you desaturate by 10%, it is **35.4283, 59.9356, 43.7457**.

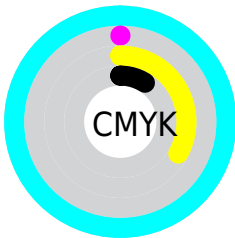
Distribution



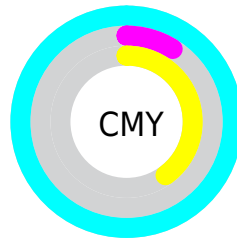
- Red (0%)
- Green (91%)
- Blue (60%)



- Red (0%)
- Yellow (55%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (9%)





- Cyan (100%)
- Magenta (9%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4086, 59.4849, 40.2401 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 34.4086, 59.4849, 40.2401 by changing the saturation by 10% instead.


 34.4086, 59.4849,
40.2401


 34.4086, 59.4849,
40.2401


313.5041,
422.6965, 362.7167


 23.3720, 43.0036,
27.4106


 65.9087, 104.0821,
76.7701


 14.9907, 29.8879,
17.6467


 87.1029, 132.9667,
101.3076

 8.8991, 19.7535,
10.5298


 112.4137,
166.7546, 130.5849

 4.7320, 12.2160,
5.6415

 142.2064,
205.8302, 165.0205

 2.1240, 6.8910,
2.5631

 176.8465,
250.5777, 205.0329

 0.7022, 3.3940,
0.8733

216.6992,

 0.0000, 1.3407,

301.3817, 251.0407

0.0000

262.1300,
358.6265, 303.4625

■ 0.0000, 0.1724,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.4086, 59.4849,
40.2401

■ 34.4086, 59.4849,
40.2401

■ 34.4094, 59.4869,
40.2385

■ 35.4283, 59.9356,
43.7457

■ 36.9131, 60.6197,
47.4905

■ 39.0003, 61.6094,
51.4861

■ 41.7693, 62.9456,
55.7397

■ 45.2867, 64.6625,
60.2581

■ 49.6110, 66.7903,
65.0477

■ 54.7948, 69.3559,
70.1142

■ 60.8860, 72.3839,
75.4634

■ 67.9290, 75.8972,
81.1005

Harmonies

Analogous

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



40.8356, 59.4849, 20.5676



34.4086, 59.4849, 40.2401



33.3356, 59.4849, 77.9406

Triad

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



34.4086, 59.4849, 40.2401



60.9680, 59.4849, 179.1248



80.9536, 59.4849, 26.5713

Complementary

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



34.4086, 59.4849, 40.2401



34.2968, 17.5261, 8.6004

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.



88.5858, 59.4849, 53.1717



34.4086, 59.4849, 40.2401



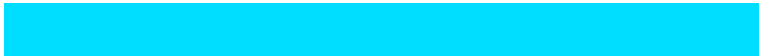
75.8253, 59.4849, 148.2085

Square

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



34.4086, 59.4849, 40.2401



47.1577, 59.4849, 170.7391



86.5644, 59.4849, 97.6621



67.0878, 59.4849, 15.3313

Rectangle

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



34.4086, 59.4849, 40.2401



35.5842, 59.4849, 111.3267



86.5644, 59.4849, 97.6621



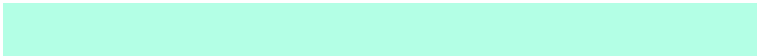
84.4319, 59.4849, 33.4269

Sweetspot

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



34.4102, 59.4873, 40.2415



68.4475, 86.7292, 87.6265



31.9588, 58.8973, 9.6845



14.0348, 18.2585, 18.1718



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

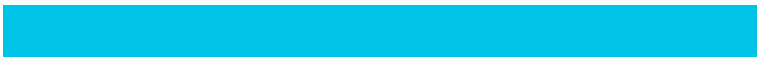
The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.4102, 59.4873, 40.2415



43.0150, 74.4220, 50.1242



34.2450, 45.4106, 82.5643



14.5925, 16.2504, 17.3847



19.3495, 33.3719, 22.8727



1.4725, 2.4831, 1.9149

Inverse Universe

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



34.2968, 17.5261, 8.6004



42.8800, 21.9160, 10.5661



33.5476, 18.1722, 1.7400



14.5742, 14.4469, 15.9580



19.2776, 9.8453, 5.0910



1.4664, 0.7443, 0.5967

Previews

White Background



This preview shows how the XYZ color 34.4086, 59.4849, 40.2401 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 34.4086, 59.4849, 40.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

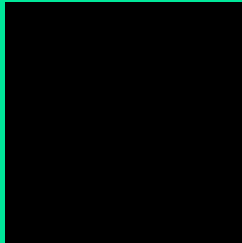
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4086, 59.4849, 40.2401

Background



This preview shows how black text looks on a background with the XYZ color 34.4086, 59.4849, 40.2401.

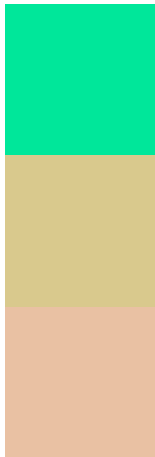


This preview shows how white text looks on a background with the XYZ color 34.4086, 59.4849,

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

34.4086, 59.4849, 40.2401

Protanopia

54.3096, 58.4481, 33.6185

Deuteranopia

59.2851, 58.1079, 42.7416



Tritanopia

44.5973, 59.5914, 90.0407

Trichromacy



Original Color

34.4086, 59.4849, 40.2401



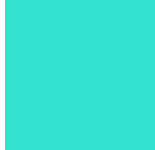
Protanomaly

39.2130, 54.5656, 35.6596



Deuteranomaly

40.8707, 53.4596, 41.4223



Tritanomaly

39.5529, 59.0592, 68.3464

Monochromacy



Original Color

34.4086, 59.4849, 40.2401



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.2034, 37.8890, 36.0165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4086, 59.4849, 40.2401 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, 231, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 231, 154)  
}
```

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, 231, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 231, 154) }
```

Border

The CSS property to change the border of an element to XYZ 34.4086, 59.4849, 40.2401 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, 231, 154) }
```


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

```
.border{ border-color:rgb(0, 231, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 231, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 231, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 231, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 231,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4086, 59.4849, 40.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 231, 154) }
```

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

```
.background{ background-color: rgb(0, 231,  
154) }
```

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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