

Converting Colors

XYZ(35.4616, 60.8939, 39.1621)

Have a look what the booklet for
XYZ(35.4616, 60.8939, 39.1621)
contains.

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Color

**XYZ(35.4524, 60.8873,
39.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	24E997
RGB	36, 233, 151
RGB Percent	14%, 91%, 59%
CMY	0.8588, 0.0863, 0.4078
CMYK	0.85, 0.00, 0.35, 0.09
HSL	155°, 82%, 53%
HSV	155°, 85%, 91%
XYZ	35.4524, 60.8873, 39.1620
YIQ	164.7490, -91.0900, -67.2660

Conversions

Conversions Part 2

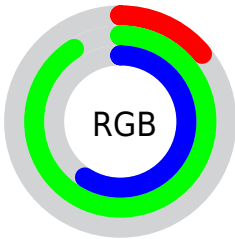
Format	Color
RYB	36, 160, 233
Decimal	2419095
CIELab	82.32, -63.87, 27.28
CIELCh	82, 69.448, 156.869
Yxy	60.8873, 0.2616, 0.4493
Android (android.graphics.Color)	4280609175 (0xFF24E997)
YUV	164.7490, -6.7783, -112.9129
Hunter-Lab	78.0303, -55.4531, 24.8646

Details

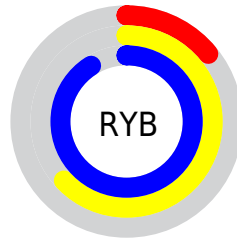
The XYZ color **35.4524, 60.8873, 39.1620** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **37.5073, 19.8948, 19.0059**, and the grayscale version is **35.7087, 37.5683, 40.9119**.

A 20% lighter version of the original color is **54.3718, 79.8278, 70.9351**, and **17.7775, 31.9515, 17.0347** is the 20% darker color. If you saturate the color by 10%, you get **34.1321, 60.2956, 35.1570**, and if you desaturate by 10%, it is **37.3687, 61.7820, 43.5359**.

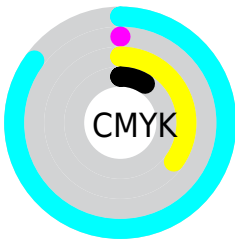
Distribution



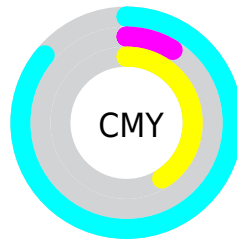
- Red (14%)
- Green (91%)
- Blue (59%)



- Red (14%)
- Yellow (63%)
- Blue (91%)



- Cyan (85%)
- Magenta (0%)
- Yellow (35%)
- Black (9%)





- Cyan (86%)
- Magenta (9%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4524, 60.8873, 39.1620 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 35.4524, 60.8873, 39.1620 by changing the saturation by 10% instead.


 35.4524, 60.8873,
39.1620


 35.4524, 60.8873,
39.1620


318.0339,
427.8607, 358.0253


 24.1797, 44.1342,
26.5770


 67.5154, 106.1157,
75.1088


 15.5924, 30.7760,
17.0262


 89.0365, 135.3599,
99.3077

 9.3252, 20.4284,
10.0910


 114.7044,
169.5365, 128.2149

 5.0127, 12.7068,
5.3529

 144.8845,
209.0300, 162.2490

 2.2896, 7.2270,
2.3935

 179.9421,
254.2248, 201.8285

 0.7893, 3.6044,
0.7829

220.2427,

 0.0000, 1.4549,

305.5052, 247.3721

0.0000

266.1514,
363.2557, 299.2981

■ 0.0000, 0.2566,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.4524, 60.8873,
39.1620

■ 35.4524, 60.8873,
39.1620

■ 34.1321, 60.2956,
35.1570

■ 37.3687, 61.7820,
43.5359

■ 33.5849, 60.0580,
33.1198

■ 39.9666, 63.0188,
48.2865

■ 43.3215, 64.6381,
53.4263

■ 47.4975, 66.6726,
58.9655

■ 52.5514, 69.1515,
64.9141

■ 58.5348, 72.1013,
71.2812

■ 65.4952, 75.5464,
78.0758

■ 73.4768, 79.5093,
85.3066

■ 82.5210, 84.0112,
92.9819

Harmonies

Analogous

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



42.4246, 60.8873, 20.1404



35.4524, 60.8873, 39.1620



33.9710, 60.8873, 76.5265

Triad

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



35.4524, 60.8873, 39.1620



61.3414, 60.8873, 184.5598



83.7473, 60.8873, 28.4401

Complementary

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



35.4524, 60.8873, 39.1620



37.5073, 19.8948, 19.0059

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.



90.9637, 60.8873, 57.0204



35.4524, 60.8873, 39.1620



76.6754, 60.8873, 155.1821

Square

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



35.4524, 60.8873, 39.1620



47.3990, 60.8873, 173.0041



88.1766, 60.8873, 103.7330



69.7832, 60.8873, 16.0496

Rectangle

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



35.4524, 60.8873, 39.1620



36.0211, 60.8873, 110.3616



88.1766, 60.8873, 103.7330



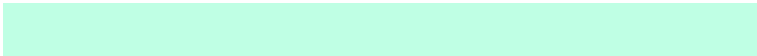
87.1422, 60.8873, 35.8677

Sweetspot

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



35.4540, 60.8897, 39.1634



71.3768, 88.2560, 87.0096



36.9420, 62.2653, 11.7411



14.6991, 18.6049, 18.0227



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.



35.4540, 60.8897, 39.1634



41.1731, 73.6852, 40.4250



40.1431, 55.6720, 85.7238



15.2371, 17.0097, 17.9314



19.1192, 34.1022, 19.1248



1.5491, 2.6969, 1.7532

Inverse Universe

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



37.5073, 19.8948, 19.0059



43.8492, 22.3037, 15.6696



35.1712, 19.9458, 3.6659



15.3255, 15.1581, 16.9995



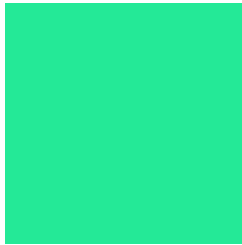
20.3503, 10.3428, 7.6459



1.6449, 0.8309, 0.8475

Previews

White Background



This preview shows how the XYZ color 35.4524, 60.8873, 39.1620 looks on a white background.

Color Contrast Check

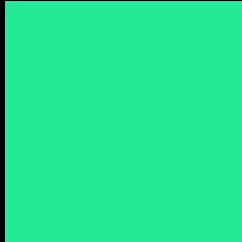
Large Text (above 18pt) WCAG AA × Fail

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 35.4524, 60.8873, 39.1620 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 35.4524, 60.8873, 39.1620

Background



This preview shows how black text looks on a background with the XYZ color 35.4524, 60.8873, 39.1620.

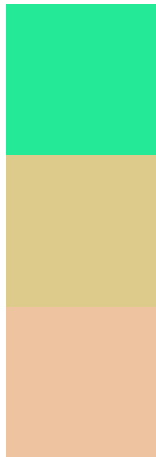


This preview shows how white text looks on a background with the XYZ color 35.4524, 60.8873,

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

35.4524, 60.8873, 39.1620

Protanopia

55.4586, 59.7625, 32.6571

Deuteranopia

60.7853, 59.5728, 41.5527



Tritanopia

45.8740, 60.6085, 91.7189

Trichromacy



Original Color

35.4524, 60.8873, 39.1620



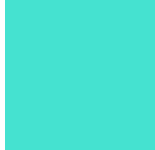
Protanomaly

42.1414, 56.8486, 34.7384



Deuteranomaly

44.1961, 55.9278, 40.3640



Tritanomaly

41.0358, 60.2120, 69.1338

Monochromacy



Original Color

35.4524, 60.8873, 39.1620



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

32.2298, 43.2165, 39.9006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4524, 60.8873, 39.1620 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(36, 233, 151)` looks like.

```
.text, #text, p{  
    color:rgb(36, 233, 151)  
}
```

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(36, 233, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 233, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.4524, 60.8873, 39.1620 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(36, 233, 151) }
```


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

```
.border{ border-color:rgb(36, 233, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 233, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 233, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 233, 151);  
box-shadow:4px 4px 4px 4px rgb(36, 233,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4524, 60.8873, 39.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 233, 151) }
```

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

```
.background{ background-color: rgb(36, 233,  
151) }
```

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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