

Converting Colors

XYZ(33.4550, 51.7481, 35.2532)

Have a look what the booklet for
XYZ(33.4550, 51.7481, 35.2532)
contains.

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Color

**XYZ(33.3479, 51.5420,
35.3851)**

Conversions

Conversions Part 1

Format	Color
Hex	5ED492
RGB	94, 212, 146
RGB Percent	37%, 83%, 57%
CMY	0.6314, 0.1686, 0.4274
CMYK	0.56, 0.00, 0.31, 0.17
HSL	146°, 58%, 60%
HSV	146°, 56%, 83%
XYZ	33.3479, 51.5420, 35.3851
YIQ	169.1940, -49.1420, -45.5420

Conversions

Conversions Part 2

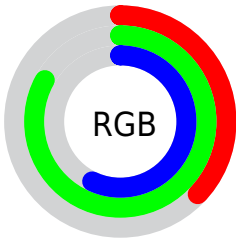
Format	Color
RYB	94, 176, 212
Decimal	6214802
CIELab	77.01, -48.24, 22.85
CIElCh	77, 53.375, 154.652
Yxy	51.5420, 0.2773, 0.4285
Android (android.graphics.Color)	4284404882 (0xFF5ED492)
YUV	169.1940, -11.4346, -65.9451
Hunter-Lab	71.7928, -42.7237, 21.0322

Details

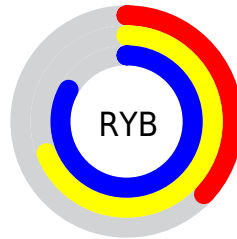
The XYZ color **33.3479, 51.5420, 35.3851** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **37.5009, 24.5417, 36.0201**, and the grayscale version is **37.8815, 39.8543, 43.4014**.

A 20% lighter version of the original color is **59.1342, 82.3655, 67.4250**, and **14.3074, 24.7853, 14.8564** is the 20% darker color. If you saturate the color by 10%, you get **30.5903, 50.2229, 30.6887**, and if you desaturate by 10%, it is **36.8009, 53.2113, 40.6158**.

Distribution



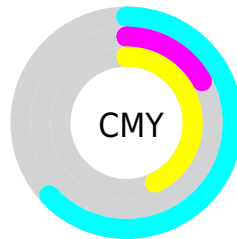
- Red (37%)
- Green (83%)
- Blue (57%)



- Red (37%)
- Yellow (69%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)





- Cyan (63%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3479, 51.5420, 35.3851 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 33.3479, 51.5420, 35.3851 by changing the saturation by 10% instead.


 33.3479, 51.5420,
35.3851


 33.3479, 51.5420,
35.3851


308.8518,
392.6659, 341.2206


 22.5536, 36.6401,
23.6737


 64.2694, 92.4554,
69.2402


 14.3831, 24.9290,
14.8818


 85.1272, 119.2358,
92.2211

 8.4711, 16.0242,
8.5908


 110.0703,
150.7445, 119.7956

 4.4522, 9.5412,
4.3821

 139.4640,
187.3658, 152.3822

 1.9610, 5.0959,
1.8372

173.6737,
229.4842, 190.3994

 0.6119, 2.3036,
0.4523

213.0646,

 0.0000, 0.7756,

277.4841, 234.2659

0.0000

258.0022,
331.7499, 284.4001

■ 0.0000, 0.0000,
0.0000

■ 33.3479, 51.5420,
35.3851

■ 33.3479, 51.5420,
35.3851

■ 30.5903, 50.2229,
30.6887

■ 36.8009, 53.2113,
40.6158

■ 28.4708, 49.2207,
26.5054

■ 40.9924, 55.2486,
46.3940

■ 26.9295, 48.5061,
22.8176

■ 45.9669, 57.6778,
52.7368

■ 25.8912, 48.0409,
19.6051

■ 51.7637, 60.5189,
59.6594

■ 25.5391, 47.8867,
18.3516

■ 58.4198, 63.7908,
67.1765

65.9695, 67.5108,
75.3020

74.4456, 71.6955,
84.0496

80.6417, 74.6918,
93.2810

82.4702, 75.4232,
102.9098

Harmonies

Analogous

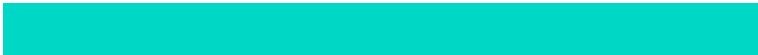
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.6843, 51.5420, 21.4913



33.3479, 51.5420, 35.3851



31.9597, 51.5420, 60.7890

Triad

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



33.3479, 51.5420, 35.3851



50.5932, 51.5420, 132.5558



66.9133, 51.5420, 29.9069

Complementary

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



33.3479, 51.5420, 35.3851



37.5009, 24.5417, 36.0201

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.



71.1949, 51.5420, 51.6973



33.3479, 51.5420, 35.3851



60.9785, 51.5420, 115.9953

Square

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



33.3479, 51.5420, 35.3851



41.0803, 51.5420, 123.5270



68.8859, 51.5420, 83.6936



57.8530, 51.5420, 19.1827

Rectangle

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



33.3479, 51.5420, 35.3851



33.2702, 51.5420, 82.8902



68.8859, 51.5420, 83.6936



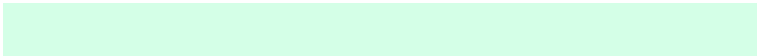
69.0121, 51.5420, 35.8411

Sweetspot

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



33.3493, 51.5441, 35.3863



77.1995, 91.2207, 88.9570



40.2367, 55.4607, 19.1745



16.1276, 19.3306, 18.5740



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.



33.3493, 51.5441, 35.3863



45.7257, 75.9302, 45.2467



39.0763, 53.8349, 65.5446



12.4875, 13.9860, 14.3815



15.8145, 29.5811, 11.5847



0.9951, 1.8007, 0.9158

Inverse Universe

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



37.5009, 24.5417, 36.0201



52.6308, 30.9075, 46.2179



33.5472, 22.9602, 15.2000



12.7112, 12.5360, 14.4193



18.8531, 9.4776, 11.7965



1.1785, 0.5882, 0.9291

Previews

White Background



This preview shows how the XYZ color 33.3479, 51.5420, 35.3851 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 33.3479, 51.5420, 35.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

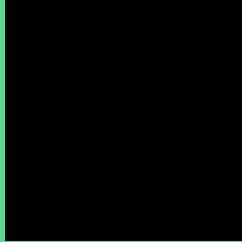
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3479, 51.5420, 35.3851

Background



This preview shows how black text looks on a background with the XYZ color 33.3479, 51.5420, 35.3851.



This preview shows how white text looks on a background with the XYZ color 33.3479, 51.5420,

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

33.3479, 51.5420, 35.3851

Protanopia

47.2701, 50.8693, 30.6199

Deuteranopia

51.4871, 50.4077, 37.1530



Tritanopia

41.2123, 51.4712, 74.7806

Trichromacy



Original Color

33.3479, 51.5420, 35.3851



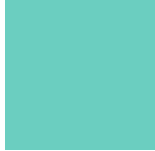
Protanomaly

39.8041, 49.6125, 32.2892



Deuteranomaly

41.8102, 48.9000, 36.0892



Tritanomaly

37.6491, 51.0742, 57.7432

Monochromacy



Original Color

33.3479, 51.5420, 35.3851



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

34.9373, 43.0219, 40.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3479, 51.5420, 35.3851 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(94, 212, 146)` looks like.

```
.text, #text, p{  
    color:rgb(94, 212, 146)  
}
```

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(94, 212, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 212, 146) }
```

Border

The CSS property to change the border of an element to XYZ 33.3479, 51.5420, 35.3851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

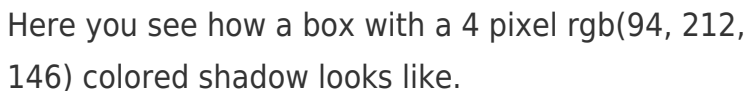
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 212, 146) }
```


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

```
.border{ border-color:rgb(94, 212, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 212, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 212, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 212, 146); box-shadow:4px 4px 4px 4px rgb(94, 212, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3479, 51.5420, 35.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 212, 146) }
```

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

```
.background{ background-color: rgb(94, 212,  
146) }
```

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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