

Converting Colors

XYZ(40.2926, 52.4542, 38.0690)

Have a look what the booklet for
XYZ(40.2926, 52.4542, 38.0690)
contains.

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Color

**XYZ(40.3436, 52.5419,
38.1523)**

Conversions

Conversions Part 1

Format	Color
Hex	97CD99
RGB	151, 205, 153
RGB Percent	59%, 80%, 60%
CMY	0.4078, 0.1961, 0.4000
CMYK	0.26, 0.00, 0.25, 0.20
HSL	122°, 35%, 70%
HSV	122°, 26%, 80%
XYZ	40.3436, 52.5419, 38.1523
YIQ	182.9260, -15.4920, -27.6200

Conversions

Conversions Part 2

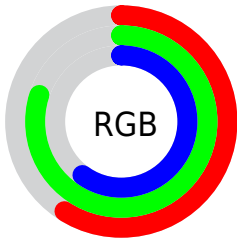
Format	Color
RYB	151, 203, 205
Decimal	9948569
CIELab	77.60, -27.70, 20.39
CIELCh	78, 34.393, 143.648
Yxy	52.5419, 0.3079, 0.4010
Android (android.graphics.Color)	4288138649 (0xFF97CD99)
YUV	182.9260, -14.7535, -27.9991
Hunter-Lab	72.4858, -27.5019, 19.5333

Details

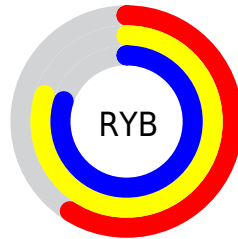
The XYZ color **40.3436, 52.5419, 38.1523** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.0247, 39.4252, 61.6334**, and the grayscale version is **45.0547, 47.4011, 51.6198**.

A 20% lighter version of the original color is **72.5988, 89.1959, 73.0647**, and **18.4502, 25.4247, 16.5054** is the 20% darker color. If you saturate the color by 10%, you get **35.3670, 50.1509, 30.1011**, and if you desaturate by 10%, it is **46.2544, 55.3863, 47.6576**.

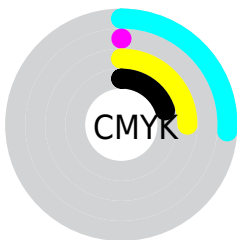
Distribution



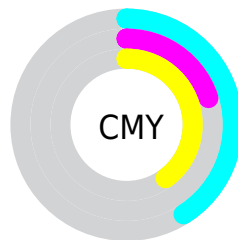
- Red (59%)
- Green (80%)
- Blue (60%)



- Red (59%)
- Yellow (80%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)





- Cyan (41%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3436, 52.5419, 38.1523 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 40.3436, 52.5419, 38.1523 by changing the saturation by 10% instead.


 40.3436, 52.5419,
38.1523


 40.3436, 52.5419,
38.1523


338.6793,
396.5251, 353.5906

 27.9919, 37.4372,
25.7982


 74.9675, 93.9299,
73.5475

 18.4600, 25.5462,
16.4483


 97.9704, 120.9821,
97.4257

 11.3824, 16.4844,
9.6842


125.2545,
152.7854, 125.9823

 6.3939, 9.8676,
5.0872

157.1850,
189.7245, 159.6359

 3.1289, 5.3113,
2.2389

194.1274,
232.1836, 198.8049

 1.2223, 2.4310,
0.6967

236.4470,

 0.1239, 0.8418,

280.5471, 243.9081

0.0000

284.5092,
335.1995, 295.3638

■ 0.0000, 0.0000,
0.0000

■ 40.3436, 52.5419,
38.1523

■ 40.3436, 52.5419,
38.1523

■ 35.3670, 50.1509,
30.1011

■ 46.2544, 55.3863,
47.6576

■ 31.2728, 48.1838,
23.4289

■ 53.1392, 58.6987,
58.6798

■ 28.0108, 46.6176,
18.0596

■ 61.0408, 62.5014,
71.2827

■ 25.5239, 45.4249,
13.9080

■ 69.9981, 66.8131,
85.5250

■ 23.7478, 44.5745,
10.8789

■ 80.0480, 71.6516,
101.4626

■ 22.6081, 44.0303,
8.8630

■ 81.1224, 72.1447,
104.2575

■ 22.0111, 43.7471,
7.7290

■ 21.8740, 43.6814,
7.4966

Harmonies

Analogous

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



44.9899, 52.5419, 29.8196



40.3436, 52.5419, 38.1523



38.2916, 52.5419, 53.2573

Triad

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



40.3436, 52.5419, 38.1523



48.5398, 52.5419, 101.8039



62.5757, 52.5419, 43.7563

Complementary

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



40.3436, 52.5419, 38.1523



47.0247, 39.4252, 61.6334

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.



63.7382, 52.5419, 61.3520



40.3436, 52.5419, 38.1523



55.2395, 52.5419, 97.6803

Square

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



40.3436, 52.5419, 38.1523



42.7454, 52.5419, 92.0128



60.9478, 52.5419, 81.7435



57.8986, 52.5419, 32.5180

Rectangle

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



40.3436, 52.5419, 38.1523



38.5285, 52.5419, 66.2809



60.9478, 52.5419, 81.7435



63.4067, 52.5419, 49.0055

Sweetspot

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



40.3450, 52.5441, 38.1535



84.9359, 95.1329, 92.7530



52.1026, 58.6244, 37.8481



17.7988, 20.1791, 19.2437



0.0000, 0.0000, 0.0000



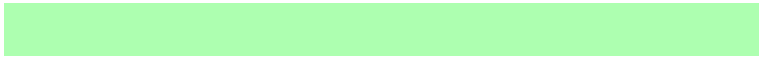
20.3446, 21.4041, 23.3091

Same Dimension

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



40.3450, 52.5441, 38.1535



60.9606, 83.6013, 54.2181



42.8132, 53.5314, 51.1509



11.0846, 12.5436, 12.0030



13.6245, 27.1951, 4.7075



0.7089, 1.4054, 0.2746

Inverse Universe

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



47.0247, 39.4252, 61.6334



73.8273, 58.3276, 99.4431



44.1014, 38.2559, 46.2392



11.6689, 11.3963, 14.0570



21.9845, 10.6044, 33.9665



1.1399, 0.5494, 1.7825

Previews

White Background



This preview shows how the XYZ color 40.3436, 52.5419, 38.1523 looks on a white background.

Color Contrast Check

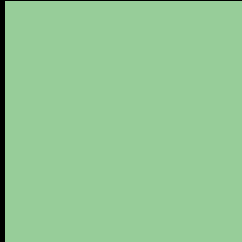
Large Text (above 18pt) WCAG AA × Fail

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 40.3436, 52.5419, 38.1523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

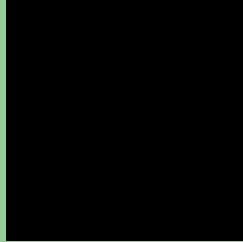
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3436, 52.5419, 38.1523

Background



This preview shows how black text looks on a background with the XYZ color 40.3436, 52.5419, 38.1523.

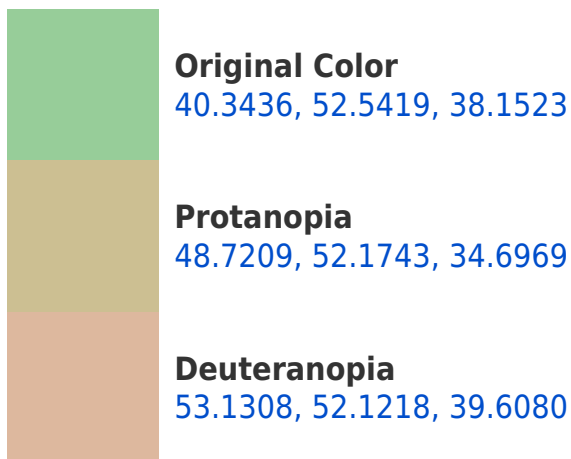


This preview shows how white text looks on a background with the XYZ color 40.3436, 52.5419,

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





Tritanopia

46.8768, 52.4180, 70.5978

Trichromacy



Original Color

40.3436, 52.5419, 38.1523

Protanomaly

45.1723, 51.9641, 36.0830

Deuteranomaly

47.6153, 51.8353, 38.9481

Tritanomaly

44.1588, 52.3392, 57.0653

Monochromacy



Original Color

40.3436, 52.5419, 38.1523

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.8718, 48.8981, 46.2084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3436, 52.5419, 38.1523 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(151, 205, 153)` looks like.

```
.text, #text, p{  
    color:rgb(151, 205, 153)  
}
```

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(151, 205, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 205, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.3436, 52.5419, 38.1523 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(151, 205, 153) }
```


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

```
.border{ border-color:rgb(151, 205, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 205, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 205, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 205, 153); box-shadow:4px 4px 4px 4px rgb(151, 205, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3436, 52.5419, 38.1523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 205, 153) }
```

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

```
.background{ background-color: rgb(151,  
205, 153) }
```

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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