

Converting Colors

XYZ(38.5352, 46.1365, 40.5924)

Have a look what the booklet for
XYZ(38.5352, 46.1365, 40.5924)
contains.

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Color

**XYZ(38.5352, 46.1365,
40.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	9DBDA1
RGB	157, 189, 161
RGB Percent	62%, 74%, 63%
CMY	0.3843, 0.2588, 0.3686
CMYK	0.17, 0.00, 0.15, 0.26
HSL	128°, 20%, 68%
HSV	128°, 17%, 74%
XYZ	38.5352, 46.1365, 40.5924
YIQ	176.2400, -10.0840, -15.4920

Conversions

Conversions Part 2

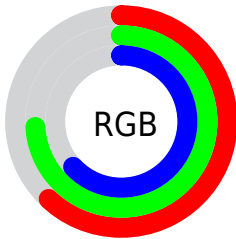
Format	Color
RYB	157, 185, 189
Decimal	10337697
CIELab	73.63, -16.29, 10.60
CIELCh	74, 19.434, 146.952
Yxy	46.1365, 0.3076, 0.3683
Android (android.graphics.Color)	4288527777 (0xFF9DBDA1)
YUV	176.2400, -7.5133, -16.8735
Hunter-Lab	67.9239, -17.5984, 12.1140

Details

The XYZ color **38.5352, 46.1365, 40.5924** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.8018, 38.4365, 51.1167**, and the grayscale version is **41.4348, 43.5926, 47.4724**.

A 20% lighter version of the original color is **72.1985, 84.2597, 77.4242**, and **17.3902, 21.7157, 17.7430** is the 20% darker color. If you saturate the color by 10%, you get **33.7659, 43.8367, 33.2534**, and if you desaturate by 10%, it is **44.0704, 48.8115, 48.9761**.

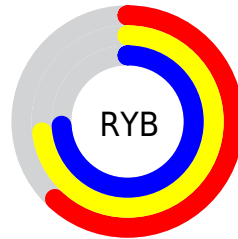
Distribution



Red (62%)

Green (74%)

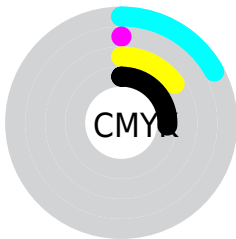
Blue (63%)



Red (62%)

Yellow (73%)

Blue (74%)

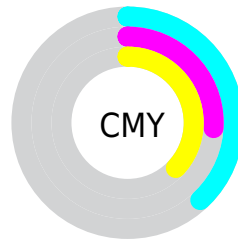


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (26%)



Cyan (38%)

Magenta (26%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5352, 46.1365, 40.5924 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 38.5352, 46.1365, 40.5924 by changing the saturation by 10% instead.

■ 38.5352, 46.1365,
40.5924

■ 38.5352, 46.1365,
40.5924

331.1516,
371.3572, 364.2402

■ 26.5774, 32.3535,
27.6834

■ 72.2263, 84.4232,
77.3117

■ 17.3911, 21.6317,
17.8502

■ 94.6904, 109.6958,
101.9591

■ 10.6107, 13.5865,
10.6742

121.3873,
139.5671, 131.3564

■ 5.8711, 7.8337,
5.7368

152.6824,
174.4214, 165.9221

■ 2.8068, 3.9887,
2.6195

188.9410,
214.6432, 206.0748

■ 1.0524, 1.6672,
0.9025

230.5285,

■ 0.0000, 0.4023,

260.6168, 252.2331

0.0000

277.8103,
312.7266, 304.8153

0.0000, 0.0000,
0.0000

38.5352, 46.1365,
40.5924

38.5352, 46.1365,
40.5924

33.7659, 43.8367,
33.2534

44.0704, 48.8115,
48.9761

29.7251, 41.8897,
26.9154

50.3992, 51.8712,
58.4401

26.3779, 40.2797,
21.5357

57.5528, 55.3322,
69.0219

23.6849, 38.9875,
17.0679

65.5594, 59.2083,
80.7565

21.6029, 37.9919,
13.4612

74.4457, 63.5126,
93.6770

■ 20.0834, 37.2690,
10.6602

■ 77.4885, 64.8770,
103.0462

■ 19.0702, 36.7912,
8.6029

■ 18.4891, 36.5217,
7.2179

■ 18.3595, 36.4614,
6.9140

Harmonies

Analogous

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



40.9199, 46.1365, 35.1646



38.5352, 46.1365, 40.5924



37.5698, 46.1365, 49.2339

Triad

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



38.5352, 46.1365, 40.5924



43.5005, 46.1365, 71.6354



50.0184, 46.1365, 42.1254

Complementary

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



38.5352, 46.1365, 40.5924



41.8018, 38.4365, 51.1167

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.



50.7968, 46.1365, 51.2492



38.5352, 46.1365, 40.5924



46.9195, 46.1365, 69.0922

Square

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



38.5352, 46.1365, 40.5924



40.3408, 46.1365, 67.8535



49.6353, 46.1365, 61.2947



47.5599, 46.1365, 35.9650

Rectangle

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



38.5352, 46.1365, 40.5924



37.8213, 46.1365, 55.9657



49.6353, 46.1365, 61.2947



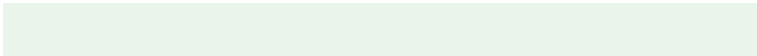
50.4906, 46.1365, 44.9092

Sweetspot

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



38.5365, 46.1385, 40.5934



80.9170, 88.3792, 90.7039



44.3573, 49.1793, 39.0534



17.2372, 18.9265, 19.2598



90.7827, 95.5105, 104.0109



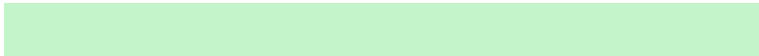
18.6292, 19.5994, 21.3438

Same Dimension

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



38.5365, 46.1385, 40.5934



65.9712, 81.1606, 68.0410



40.0128, 46.7290, 48.3680



9.4560, 10.6685, 10.3849



12.3681, 24.5375, 4.7352



0.5006, 0.9676, 0.2702

Inverse Universe

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



41.8018, 38.4365, 51.1167



72.8230, 64.9973, 90.1210



40.2311, 37.8083, 42.8459



9.8772, 9.6752, 11.7425



18.7321, 9.1240, 24.9465



0.7483, 0.3632, 1.0540

Previews

White Background



This preview shows how the XYZ color 38.5352, 46.1365, 40.5924 looks on a white background.

Color Contrast Check

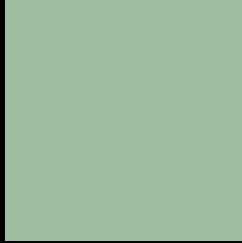
Large Text (above 18pt) WCAG AA × Fail

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 38.5352, 46.1365, 40.5924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

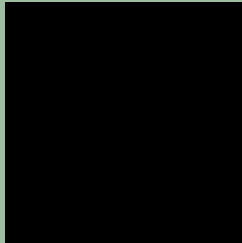
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

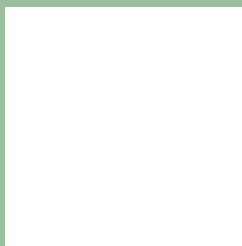
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5352, 46.1365, 40.5924

Background



This preview shows how black text looks on a background with the XYZ color 38.5352, 46.1365, 40.5924.



This preview shows how white text looks on a background with the XYZ color 38.5352, 46.1365,

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

38.5352, 46.1365, 40.5924

Protanopia

43.3083, 45.8616, 38.0221

Deuteranopia

46.7387, 45.7898, 41.4969



Tritanopia

42.4378, 46.1447, 60.0962

Trichromacy



Original Color

38.5352, 46.1365, 40.5924

Protanomaly

41.2365, 45.6827, 38.9920

Deuteranomaly

43.2245, 45.4493, 41.1448

Tritanomaly

41.0138, 46.1977, 52.6543

Monochromacy



Original Color

38.5352, 46.1365, 40.5924

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.2367, 44.4230, 44.9819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5352, 46.1365, 40.5924 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(157, 189, 161)` looks like.

```
.text, #text, p{  
    color:rgb(157, 189, 161)  
}
```

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(157, 189, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 189, 161) }
```

Border

The CSS property to change the border of an element to XYZ 38.5352, 46.1365, 40.5924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

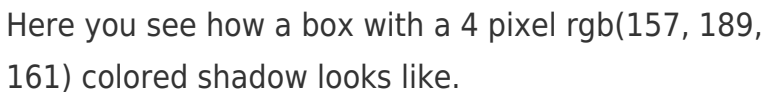
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 189, 161) }
```


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

```
.border{ border-color:rgb(157, 189, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 189, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 189, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 189, 161); box-shadow:4px 4px 4px 4px rgb(157, 189, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5352, 46.1365, 40.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 189, 161) }
```

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

```
.background{ background-color: rgb(157,  
189, 161) }
```

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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