

Converting Colors

XYZ(40.6403, 53.4096, 38.3041)

Have a look what the booklet for
XYZ(40.6403, 53.4096, 38.3041)
contains.

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Color

**XYZ(40.6403, 53.4096,
38.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	96CF99
RGB	150, 207, 153
RGB Percent	59%, 81%, 60%
CMY	0.4118, 0.1882, 0.4000
CMYK	0.28, 0.00, 0.26, 0.19
HSL	123°, 37%, 70%
HSV	123°, 28%, 81%
XYZ	40.6403, 53.4096, 38.3041
YIQ	183.8010, -16.6380, -28.8780

Conversions

Conversions Part 2

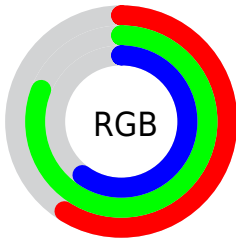
Format	Color
RYB	150, 204, 207
Decimal	9883545
CIELab	78.12, -28.99, 21.08
CIELCh	78, 35.846, 143.973
Yxy	53.4096, 0.3071, 0.4035
Android (android.graphics.Color)	4288073625 (0xFF96CF99)
YUV	183.8010, -15.1849, -29.6435
Hunter-Lab	73.0819, -28.6307, 20.0819

Details

The XYZ color **40.6403, 53.4096, 38.3041** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.5394, 39.4389, 62.2359**, and the grayscale version is **45.5390, 47.9106, 52.1746**.

A 20% lighter version of the original color is **72.3220, 89.0532, 73.0517**, and **18.5563, 25.9572, 16.6026** is the 20% darker color. If you saturate the color by 10%, you get **35.6736, 51.0227, 30.3004**, and if you desaturate by 10%, it is **46.5489, 56.2544, 47.7437**.

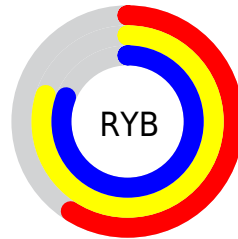
Distribution



Red (59%)

Green (81%)

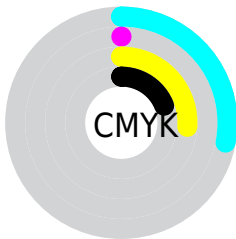
Blue (60%)



Red (59%)

Yellow (80%)

Blue (81%)

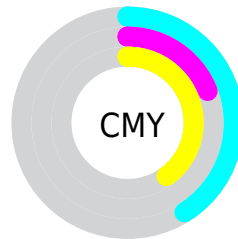


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (19%)



Cyan (41%)


Magenta (19%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6403, 53.4096, 38.3041 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 40.6403, 53.4096, 38.3041 by changing the saturation by 10% instead.


 40.6403, 53.4096,
38.3041


 40.6403, 53.4096,
38.3041


339.9033,
399.8546, 354.2599

 28.2246, 38.1299,
25.9151


 75.4157, 95.2068,
73.7826

 18.6363, 26.0835,
16.5350


 98.5061, 122.4931,
97.7092

 11.5102, 16.8861,
9.7451


125.8854,
154.5503, 126.3188

 6.4809, 10.1533,
5.1269

157.9190,
191.7629, 160.0298

 3.1831, 5.5007,
2.2618

194.9722,
234.5152, 199.2609

 1.2513, 2.5439,
0.7097

237.4105,

 0.1463, 0.8986,

283.1917, 244.4306

0.0000

285.5990,
338.1767, 295.9574

■ 0.0000, 0.0000,
0.0000

■ 40.6403, 53.4096,
38.3041

■ 40.6403, 53.4096,
38.3041

■ 35.6736, 51.0227,
30.3004

■ 46.5489, 56.2544,
47.7437

■ 31.5963, 49.0636,
23.6590

■ 53.4402, 59.5720,
58.6810

■ 28.3569, 47.5088,
18.3052

■ 61.3576, 63.3851,
71.1784

■ 25.8973, 46.3301,
14.1554

■ 70.3406, 67.7129,
85.2938

■ 24.1515, 45.4956,
11.1165

■ 80.4268, 72.5735,
101.0820

■ 23.0432, 44.9681,
9.0817

■ 81.6039, 73.1077,
104.4180

■ 22.4692, 44.6972,
7.9227

■ 22.3737, 44.6517,
7.7529

Harmonies

Analogous

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



45.4905, 53.4096, 29.5690



40.6403, 53.4096, 38.3041



38.5233, 53.4096, 54.2007

Triad

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



40.6403, 53.4096, 38.3041



49.3644, 53.4096, 105.5166



64.0797, 53.4096, 43.8585

Complementary

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



40.6403, 53.4096, 38.3041



47.5394, 39.4389, 62.2359

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.



65.3571, 53.4096, 62.2949



40.6403, 53.4096, 38.3041



56.4305, 53.4096, 100.9551

Square

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



40.6403, 53.4096, 38.3041



43.2536, 53.4096, 95.2224



62.4436, 53.4096, 83.8941



59.0975, 53.4096, 32.2223

Rectangle

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



40.6403, 53.4096, 38.3041



38.7933, 53.4096, 67.9653



62.4436, 53.4096, 83.8941



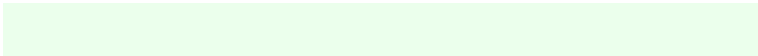
64.9746, 53.4096, 49.3355

Sweetspot

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



40.6417, 53.4119, 38.3053



84.9820, 95.1513, 92.9957



52.7631, 59.6890, 37.5949



17.8103, 20.1837, 19.3041



0.0000, 0.0000, 0.0000



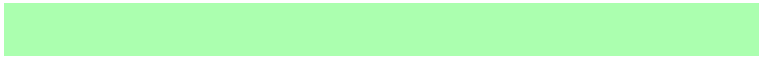
20.3446, 21.4041, 23.3091

Same Dimension

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



40.6417, 53.4119, 38.3053



60.2873, 83.2672, 53.5963



43.2685, 54.4626, 52.1380



11.6812, 13.2162, 12.6775



14.1066, 28.1356, 4.9416



0.7978, 1.5768, 0.3240

Inverse Universe

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



47.5394, 39.4389, 62.2359



73.1195, 57.2671, 98.1120



44.4420, 38.2000, 45.9253



12.2828, 11.9979, 14.7651



22.5087, 10.8763, 33.9148



1.2670, 0.6115, 1.9406

Previews

White Background



This preview shows how the XYZ color 40.6403, 53.4096, 38.3041 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 40.6403, 53.4096, 38.3041 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 40.6403, 53.4096, 38.3041

Background



This preview shows how black text looks on a background with the XYZ color 40.6403, 53.4096, 38.3041.



This preview shows how white text looks on a background with the XYZ color 40.6403, 53.4096,

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

40.6403, 53.4096, 38.3041

Protanopia

49.4915, 52.8964, 34.7957

Deuteranopia

53.9519, 52.8545, 39.7061



Tritanopia

47.3871, 53.3302, 72.0862

Trichromacy



Original Color

40.6403, 53.4096, 38.3041

Protanomaly

45.6408, 52.5415, 36.1698

Deuteranomaly

47.8357, 52.2760, 39.0216

Tritanomaly

44.5396, 53.2149, 57.7932

Monochromacy



Original Color

40.6403, 53.4096, 38.3041

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.4057, 49.4871, 46.7994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6403, 53.4096, 38.3041 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(150, 207, 153)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 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(150, 207, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.6403, 53.4096, 38.3041 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(150, 207, 153) }
```


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

```
.border{ border-color:rgb(150, 207, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 207, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 153);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6403, 53.4096, 38.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 153) }
```

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

```
.background{ background-color: rgb(150,  
207, 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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