

Converting Colors

XYZ(40.3594, 53.7462, 41.2648)

Have a look what the booklet for
XYZ(40.3594, 53.7462, 41.2648)
contains.

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Color

**XYZ(40.3862, 53.9438,
41.0845)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD19F
RGB	143, 209, 159
RGB Percent	56%, 82%, 62%
CMY	0.4392, 0.1804, 0.3765
CMYK	0.32, 0.00, 0.24, 0.18
HSL	135°, 42%, 69%
HSV	135°, 32%, 82%
XYZ	40.3862, 53.9438, 41.0845
YIQ	183.5660, -23.2860, -29.5420

Conversions

Conversions Part 2

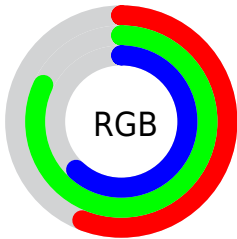
Format	Color
RYB	143, 196, 209
Decimal	9425311
CIELab	78.43, -31.12, 18.29
CIELCh	78, 36.099, 149.566
Yxy	53.9438, 0.2982, 0.3984
Android (android.graphics.Color)	4287615391 (0xFF8FD19F)
YUV	183.5660, -12.1110, -35.5764
Hunter-Lab	73.4464, -30.3790, 18.2468

Details

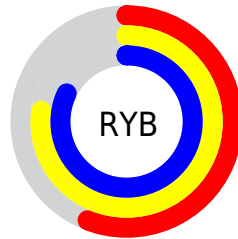
The XYZ color **40.3862, 53.9438, 41.0845** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.7445, 37.0517, 55.1951**, and the grayscale version is **45.3957, 47.7598, 52.0104**.

A 20% lighter version of the original color is **71.1863, 88.3808, 76.9256**, and **18.4259, 26.3464, 18.0241** is the 20% darker color. If you saturate the color by 10%, you get **35.8125, 51.7362, 34.1520**, and if you desaturate by 10%, it is **45.8128, 56.5738, 48.9781**.

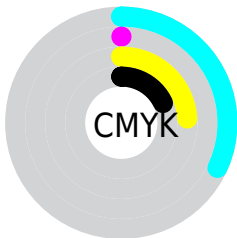
Distribution



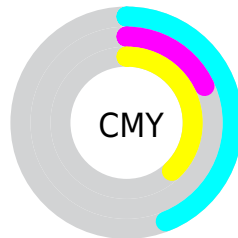
- Red (56%)
- Green (82%)
- Blue (62%)



- Red (56%)
- Yellow (77%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3862, 53.9438, 41.0845 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 40.3862, 53.9438, 41.0845 by changing the saturation by 10% instead.

■ 40.3862, 53.9438,
41.0845

■ 40.3862, 53.9438,
41.0845

338.8552,
401.8957, 366.3608

■ 28.0253, 38.5567,
28.0649

■ 75.0319, 95.9917,
78.0672

■ 18.4853, 26.4151,
18.1351

■ 98.0474, 123.4214,
102.8674

■ 11.4008, 17.1344,
10.8766

125.3451,
155.6340, 132.4316

■ 6.4063, 10.3304,
5.8708

157.2905,
193.0140, 167.1783

■ 3.1367, 5.6185,
2.6992

194.2488,
235.9458, 207.5260

■ 1.2265, 2.6146,
0.9430

236.5855,

■ 0.1271, 0.9340,

284.8137, 253.8933

0.0000

284.6659,
340.0022, 306.6987

■ 0.0000, 0.0000,
0.0000

■ 40.3862, 53.9438,
41.0845

■ 40.3862, 53.9438,
41.0845

■ 35.8125, 51.7362,
34.1520

■ 45.8128, 56.5738,
48.9781

■ 32.0434, 49.9223,
28.1402

■ 52.1291, 59.6398,
57.8638

■ 29.0321, 48.4803,
23.0113


■ 59.3745, 63.1631,
67.7758


■ 26.7249, 47.3835,
18.7234


■ 67.5851, 67.1615,
78.7456


■ 25.0612, 46.6014,
15.2312

■ 76.7949, 71.6519,
90.8031

 23.9689, 46.0979,
12.4849

 81.9316, 74.0191,
103.7385

 23.3917, 45.8391,
10.7085

 82.0915, 74.0830,
104.5805

Harmonies

Analogous

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



44.8310, 53.9438, 30.8856



40.3862, 53.9438, 41.0845



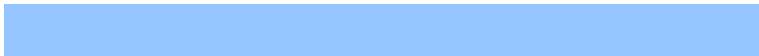
38.8044, 53.9438, 58.4400

Triad

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



40.3862, 53.9438, 41.0845



51.1686, 53.9438, 107.1067



64.0765, 53.9438, 41.4899

Complementary

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



40.3862, 53.9438, 41.0845



45.7445, 37.0517, 55.1951

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.



66.1592, 53.9438, 59.0322



40.3862, 53.9438, 41.0845



58.3021, 53.9438, 99.6930

Square

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



40.3862, 53.9438, 41.0845



44.6674, 53.9438, 99.2723



63.9567, 53.9438, 80.8323



58.4974, 53.9438, 31.0789

Rectangle

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



40.3862, 53.9438, 41.0845



39.4620, 53.9438, 72.8152



63.9567, 53.9438, 80.8323



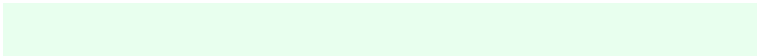
65.2304, 53.9438, 46.5991

Sweetspot

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



40.3876, 53.9461, 41.0857



84.4308, 94.8345, 94.4464



49.9061, 59.0032, 34.7456



17.7290, 20.1319, 19.7425



0.0000, 0.0000, 0.0000



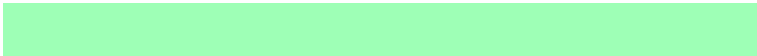
20.3446, 21.4041, 23.3091

Same Dimension

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



40.3876, 53.9461, 41.0857



58.2814, 82.1597, 56.8210



43.5779, 55.2222, 57.8855



11.7721, 13.2526, 13.1564



14.4548, 28.2749, 6.7752



0.8402, 1.5938, 0.5474

Inverse Universe

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



45.7445, 37.0517, 55.1951



67.9798, 51.5462, 82.3457



42.5164, 35.7605, 38.1962



12.1832, 11.9580, 14.2404



20.0759, 9.9032, 21.1036



1.1526, 0.5658, 1.3385

Previews

White Background



This preview shows how the XYZ color 40.3862, 53.9438, 41.0845 looks on a white background.

Color Contrast Check

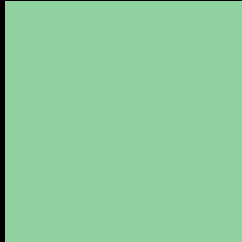
Large Text (above 18pt) WCAG AA × Fail

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 40.3862, 53.9438, 41.0845 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 40.3862, 53.9438, 41.0845

Background



This preview shows how black text looks on a background with the XYZ color 40.3862, 53.9438, 41.0845.



This preview shows how white text looks on a background with the XYZ color 40.3862, 53.9438,

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

40.3862, 53.9438, 41.0845

Protanopia

50.1095, 53.4961, 36.9629

Deuteranopia

54.3839, 53.3277, 42.5489



Tritanopia

46.7375, 53.6531, 73.5384

Trichromacy



Original Color

40.3862, 53.9438, 41.0845



Protanomaly

45.7846, 53.2472, 38.4365



Deuteranomaly

47.8057, 52.5297, 41.8020



Tritanomaly

44.1343, 53.6553, 60.2549

Monochromacy



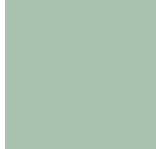
Original Color

40.3862, 53.9438, 41.0845



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

43.1700, 49.6701, 47.8694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3862, 53.9438, 41.0845 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(143, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(143, 209, 159)  
}
```

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(143, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 209, 159) }
```

Border

The CSS property to change the border of an element to XYZ 40.3862, 53.9438, 41.0845 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(143, 209, 159) }
```


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

```
.border{ border-color:rgb(143, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(143, 209,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3862, 53.9438, 41.0845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 209, 159) }
```

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

```
.background{ background-color: rgb(143,  
209, 159) }
```

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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