

Converting Colors

XYZ(40.1938, 53.8484, 40.9658)

Have a look what the booklet for
XYZ(40.1938, 53.8484, 40.9658)
contains.

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Color

**XYZ(40.2138, 53.8549,
41.0764)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED19F
RGB	142, 209, 159
RGB Percent	56%, 82%, 62%
CMY	0.4431, 0.1804, 0.3765
CMYK	0.32, 0.00, 0.24, 0.18
HSL	135°, 42%, 69%
HSV	135°, 32%, 82%
XYZ	40.2138, 53.8549, 41.0764
YIQ	183.2670, -23.8820, -29.7540

Conversions

Conversions Part 2

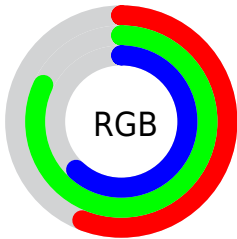
Format	Color
RYB	142, 195, 209
Decimal	9359775
CIELab	78.38, -31.44, 18.21
CIELCh	78, 36.328, 149.924
Yxy	53.8549, 0.2976, 0.3985
Android (android.graphics.Color)	4287549855 (0xFF8ED19F)
YUV	183.2670, -11.9636, -36.1912
Hunter-Lab	73.3859, -30.6114, 18.1836

Details

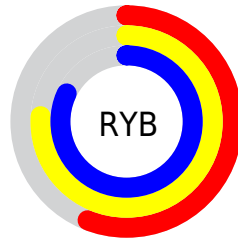
The XYZ color **40.2138, 53.8549, 41.0764** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.4837, 36.7083, 54.5596**, and the grayscale version is **45.2305, 47.5860, 51.8211**.

A 20% lighter version of the original color is **70.9236, 88.2454, 76.9133**, and **18.3293, 26.2966, 18.0196** is the 20% darker color. If you saturate the color by 10%, you get **35.6894, 51.6707, 34.2399**, and if you desaturate by 10%, it is **45.5842, 56.4586, 48.8464**.

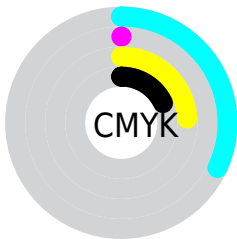
Distribution



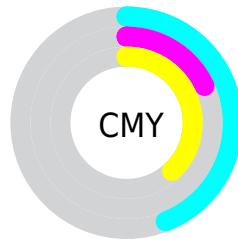
- Red (56%)
- Green (82%)
- Blue (62%)



- Red (56%)
- Yellow (76%)
- 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 40.2138, 53.8549, 41.0764 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 40.2138, 53.8549, 41.0764 by changing the saturation by 10% instead.


 40.2138, 53.8549,
41.0764


 40.2138, 53.8549,
41.0764


338.1429,
401.5565, 366.3259

 27.8902, 38.4857,
28.0586


 74.7712, 95.8612,
78.0548

 18.3830, 26.3598,
18.1304


 97.7358, 123.2670,
102.8525

 11.3266, 17.0930,
10.8733

124.9781,
155.4538, 132.4139

 6.3559, 10.3008,
5.8686

156.8635,
192.8060, 167.1576

 3.1054, 5.5989,
2.6978

193.7573,
235.7080, 207.5021

 1.2097, 2.6027,
0.9423

236.0249,

 0.1140, 0.9280,

284.5441, 253.8660

0.0000

284.0316,
339.6988, 306.6677

■ 0.0000, 0.0000,
0.0000

■ 40.2138, 53.8549,
41.0764

■ 40.2138, 53.8549,
41.0764

■ 35.6894, 51.6707,
34.2399

■ 45.5842, 56.4586,
48.8464

■ 31.9628, 49.8772,
28.2981

■ 51.8371, 59.4952,
57.5796

■ 28.9873, 48.4527,
23.2150


■ 59.0120, 62.9861,
67.3087


■ 26.7094, 47.3704,
18.9503


■ 67.1446, 66.9490,
78.0640


■ 25.0682, 46.5999,
15.4609

■ 76.2689, 71.4008,
89.8743

 23.9918, 46.1050,
12.6993

 81.7053, 73.9285,
102.5468

 23.4448, 45.8603,
10.9880

 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.



44.6467, 53.8549, 30.7615



40.2138, 53.8549, 41.0764



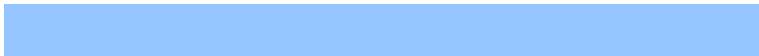
38.6622, 53.8549, 58.5866

Triad

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



40.2138, 53.8549, 41.0764



51.1692, 53.8549, 107.3341



64.0165, 53.8549, 41.1478

Complementary

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



40.2138, 53.8549, 41.0764



45.4837, 36.7083, 54.5596

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.



66.1621, 53.8549, 58.6911



40.2138, 53.8549, 41.0764



58.3377, 53.8549, 99.6887

Square

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



40.2138, 53.8549, 41.0764



44.6179, 53.8549, 99.6143



63.9953, 53.8549, 80.6056



58.3722, 53.8549, 30.7955

Rectangle

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



40.2138, 53.8549, 41.0764



39.3469, 53.8549, 73.0664



63.9953, 53.8549, 80.6056



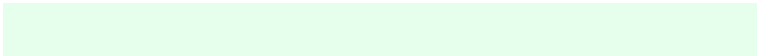
65.1929, 53.8549, 46.2477

Sweetspot

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



40.2152, 53.8571, 41.0776



83.3688, 94.3148, 93.1446



49.4866, 58.7956, 34.3322



17.5188, 20.0290, 19.4907



0.0000, 0.0000, 0.0000



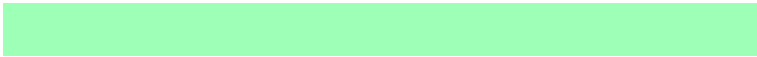
20.3446, 21.4041, 23.3091

Same Dimension

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



40.2152, 53.8571, 41.0776



58.3948, 82.2051, 57.4180



43.4996, 55.1709, 58.3729



11.7776, 13.2548, 13.1854



14.4887, 28.2884, 6.9535



0.8428, 1.5948, 0.5607

Inverse Universe

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



45.4837, 36.7083, 54.5596



67.8251, 51.4843, 81.5308



42.2054, 35.3970, 37.2961



12.1773, 11.9557, 14.2095



19.9524, 9.8538, 20.4533



1.1466, 0.5634, 1.3068

Previews

White Background



This preview shows how the XYZ color 40.2138, 53.8549, 41.0764 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 40.2138, 53.8549, 41.0764 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 40.2138, 53.8549, 41.0764

Background



This preview shows how black text looks on a background with the XYZ color 40.2138, 53.8549, 41.0764.

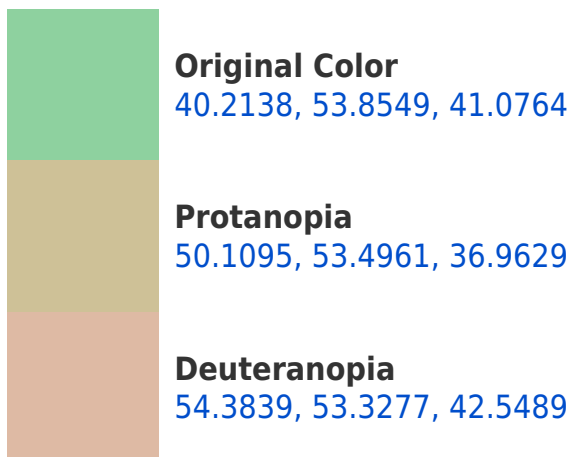


This preview shows how white text looks on a background with the XYZ color 40.2138, 53.8549,

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

46.7375, 53.6531, 73.5384

Trichromacy



Original Color

40.2138, 53.8549, 41.0764

Protanomaly

45.7846, 53.2472, 38.4365

Deuteranomaly

47.8057, 52.5297, 41.8020

Tritanomaly

44.1343, 53.6553, 60.2549

Monochromacy



Original Color

40.2138, 53.8549, 41.0764

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.6381, 49.0801, 47.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2138, 53.8549, 41.0764 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(142, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 209, 159) }
```

Border

The CSS property to change the border of an element to XYZ 40.2138, 53.8549, 41.0764 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(142, 209, 159) }
```


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

```
.border{ border-color:rgb(142, 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(142, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(142, 209,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2138, 53.8549, 41.0764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 209, 159) }
```

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

```
.background{ background-color: rgb(142,  
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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