

Converting Colors

XYZ(40.0287, 54.5128, 40.3119)

Have a look what the booklet for
XYZ(40.0287, 54.5128, 40.3119)
contains.

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Color

**XYZ(40.0275, 54.5118,
40.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	8BD39D
RGB	139, 211, 157
RGB Percent	55%, 83%, 62%
CMY	0.4549, 0.1725, 0.3843
CMYK	0.34, 0.00, 0.26, 0.17
HSL	135°, 45%, 69%
HSV	135°, 34%, 83%
XYZ	40.0275, 54.5118, 40.3104
YIQ	183.3160, -25.5780, -32.0580

Conversions

Conversions Part 2

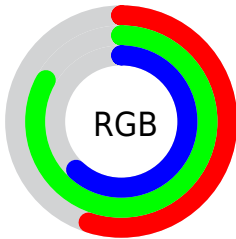
Format	Color
RYB	139, 197, 211
Decimal	9163677
CIELab	78.76, -33.66, 19.77
CIELCh	79, 39.040, 149.577
Yxy	54.5118, 0.2968, 0.4042
Android (android.graphics.Color)	4287353757 (0xFF8BD39D)
YUV	183.3160, -12.9738, -38.8651
Hunter-Lab	73.8321, -32.4338, 19.3117

Details

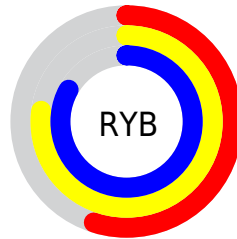
The XYZ color **40.0275, 54.5118, 40.3104** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.7240, 36.1655, 55.0250**, and the grayscale version is **45.2635, 47.6207, 51.8589**.

A 20% lighter version of the original color is **69.8918, 87.7428, 75.5397**, and **18.2760, 26.7753, 17.5695** is the 20% darker color. If you saturate the color by 10%, you get **35.5739, 52.3636, 33.5004**, and if you desaturate by 10%, it is **45.3390, 57.0851, 48.0765**.

Distribution



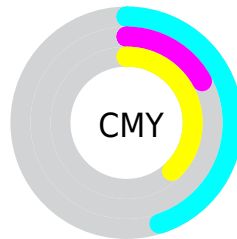
- Red (55%)
- Green (83%)
- Blue (62%)



- Red (55%)
- Yellow (77%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (26%)
- Black (17%)



- Cyan (45%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0275, 54.5118, 40.3104 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 40.0275, 54.5118, 40.3104 by changing the saturation by 10% instead.

■ 40.0275, 54.5118,
40.3104

■ 40.0275, 54.5118,
40.3104

337.3719,
404.0587, 363.0210

■ 27.7443, 39.0110,
27.4650

■ 74.4895, 96.8253,
76.8782

■ 18.2725, 26.7683,
17.6873

■ 97.3989, 124.4068,
101.4377

■ 11.2466, 17.3993,
10.5586

■ 124.5812,
156.7839, 130.7390

■ 6.3015, 10.5196,
5.6604

156.4016,
194.3412, 165.2006

■ 3.0717, 5.7448,
2.5743

193.2255,
237.4628, 205.2410

■ 1.1918, 2.6905,
0.8791

235.4183,

■ 0.0999, 0.9724,

286.5334, 251.2789

0.0000

283.3453,
341.9372, 303.7327

■ 0.0000, 0.0000,
0.0000

■ 40.0275, 54.5118,
40.3104

■ 40.0275, 54.5118,
40.3104

■ 35.5739, 52.3636,
33.5004

■ 45.3390, 57.0851,
48.0765

■ 31.9280, 50.6107,
27.6059

■ 51.5464, 60.0979,
56.8299

■ 29.0407, 49.2303,
22.5886

■ 58.6909, 63.5720,
66.6050

■ 26.8560, 48.1944,
18.4063

■ 66.8095, 67.5261,
77.4335

■ 25.3093, 47.4705,
15.0130

■ 75.9375, 71.9775,
89.3457

■ 24.3234, 47.0200,
12.3584

■ 82.0987, 74.8760,
102.1827

■ 23.9322, 46.8454,
11.1188

■ 82.5853, 75.0706,
104.7451

Harmonies

Analogous

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



44.8190, 54.5118, 29.5072



40.0275, 54.5118, 40.3104



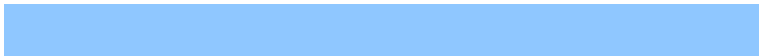
38.3302, 54.5118, 59.0409

Triad

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



40.0275, 54.5118, 40.3104



51.7023, 54.5118, 112.8782



65.8365, 54.5118, 40.7318

Complementary

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



40.0275, 54.5118, 40.3104



45.7240, 36.1655, 55.0250

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.



68.1334, 54.5118, 59.6684



40.0275, 54.5118, 40.3104



59.4966, 54.5118, 104.5811

Square

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



40.0275, 54.5118, 40.3104



44.6470, 54.5118, 104.1240



65.7080, 54.5118, 83.6118



59.7049, 54.5118, 29.7046

Rectangle

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



40.0275, 54.5118, 40.3104



39.0367, 54.5118, 74.7834



65.7080, 54.5118, 83.6118



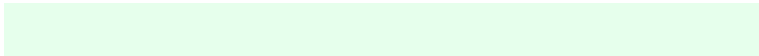
67.1082, 54.5118, 46.2079

Sweetspot

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



40.0289, 54.5141, 40.3116



83.3550, 94.3092, 93.0719



50.2560, 59.9510, 33.3495



17.5155, 20.0276, 19.4732



0.0000, 0.0000, 0.0000



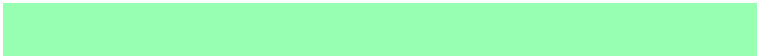
20.3446, 21.4041, 23.3091

Same Dimension

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



40.0289, 54.5141, 40.3116



56.3154, 81.2047, 54.0855



43.4356, 55.8768, 58.2510



11.7758, 13.2541, 13.1758



14.4773, 28.2839, 6.8938



0.8419, 1.5944, 0.5563

Inverse Universe

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



45.7240, 36.1655, 55.0250



66.3420, 48.8661, 79.9638



42.2869, 34.7907, 36.9255



12.1792, 11.9564, 14.2197



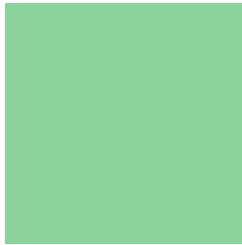
19.9929, 9.8700, 20.6664



1.1486, 0.5641, 1.3172

Previews

White Background



This preview shows how the XYZ color 40.0275, 54.5118, 40.3104 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 40.0275, 54.5118, 40.3104 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

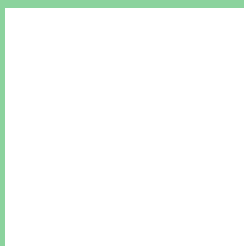
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0275, 54.5118, 40.3104

Background



This preview shows how black text looks on a background with the XYZ color 40.0275, 54.5118, 40.3104.



This preview shows how white text looks on a background with the XYZ color 40.0275, 54.5118,

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

40.0275, 54.5118, 40.3104

Protanopia

50.4487, 54.0189, 36.2015

Deuteranopia

55.0324, 53.9966, 41.7043



Tritanopia

47.0910, 54.5017, 75.0558

Trichromacy



Original Color

40.0275, 54.5118, 40.3104



Protanomaly

45.6132, 53.5206, 37.6322



Deuteranomaly

48.0774, 53.3554, 41.0224



Tritanomaly

44.0677, 54.3312, 60.3889

Monochromacy



Original Color

40.0275, 54.5118, 40.3104



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.6463, 49.4114, 47.3341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0275, 54.5118, 40.3104 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(139, 211, 157)` looks like.

```
.text, #text, p{  
    color:rgb(139, 211, 157)  
}
```

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(139, 211, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 211, 157) }
```

Border

The CSS property to change the border of an element to XYZ 40.0275, 54.5118, 40.3104 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(139, 211, 157) }
```


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

```
.border{ border-color:rgb(139, 211, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 211, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 211, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 211, 157);  
box-shadow:4px 4px 4px 4px rgb(139, 211,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0275, 54.5118, 40.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 211, 157) }
```

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

```
.background{ background-color: rgb(139,  
211, 157) }
```

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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