

Converting Colors

XYZ(40.4692, 52.0423, 47.6519)

Have a look what the booklet for
XYZ(40.4692, 52.0423, 47.6519)
contains.

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Color

**XYZ(40.4634, 52.0425,
47.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCCAD
RGB	143, 204, 173
RGB Percent	56%, 80%, 68%
CMY	0.4392, 0.2000, 0.3216
CMYK	0.30, 0.00, 0.15, 0.20
HSL	150°, 37%, 68%
HSV	150°, 30%, 80%
XYZ	40.4634, 52.0425, 47.4477
YIQ	182.2270, -26.4050, -22.5730

Conversions

Conversions Part 2

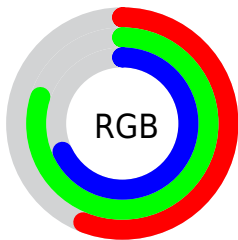
Format	Color
RYB	143, 184, 204
Decimal	9424045
CIELab	77.31, -26.05, 9.24
CIELCh	77, 27.638, 160.460
Yxy	52.0425, 0.2891, 0.3719
Android (android.graphics.Color)	4287614125 (0xFF8FCCAD)
YUV	182.2270, -4.5489, -34.4021
Hunter-Lab	72.1405, -26.1257, 11.5026

Details

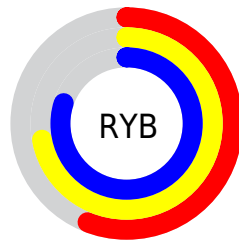
The XYZ color **40.4634, 52.0425, 47.4477** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.3661, 35.5396, 44.6735**, and the grayscale version is **44.6226, 46.9464, 51.1247**.

A 20% lighter version of the original color is **73.0523, 89.1272, 86.7518**, and **18.6719, 25.4173, 22.0111** is the 20% darker color. If you saturate the color by 10%, you get **36.2834, 50.0005, 42.2172**, and if you desaturate by 10%, it is **45.3664, 54.4510, 53.1207**.

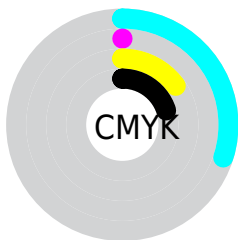
Distribution



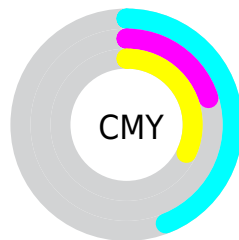
- Red (56%)
- Green (80%)
- Blue (68%)



- Red (56%)
- Yellow (72%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4634, 52.0425, 47.4477 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 40.4634, 52.0425, 47.4477 by changing the saturation by 10% instead.

■ 40.4634, 52.0425,
47.4477

■ 40.4634, 52.0425,
47.4477

339.1739,
394.6007, 393.0441

■ 28.0859, 37.0390,
33.0328

■ 75.1485, 93.1939,
87.7385

■ 18.5312, 25.2377,
21.8803

■ 98.1868, 120.1106,
114.4515

■ 11.4340, 16.2542,
13.5715

125.5093,
151.7671, 146.1009

■ 6.4290, 9.7042,
7.6879

157.4815,
188.5478, 183.1054

■ 3.1508, 5.2033,
3.8110

194.4688,
230.8371, 225.8834

■ 1.2340, 2.3670,
1.5222

236.8363,

■ 0.1329, 0.8088,

279.0194, 274.8535

0.2344

284.9496,
333.4791, 330.4342

■ 0.0000, 0.0000,
0.0000

■ 40.4634, 52.0425,
47.4477

■ 40.4634, 52.0425,
47.4477

■ 36.2834, 50.0005,
42.2172

■ 45.3664, 54.4510,
53.1207

■ 32.7854, 48.2999,
37.4149

■ 51.0219, 57.2369,
59.2431

■ 29.9310, 46.9225,
33.0305

■ 57.4631, 60.4184,
65.8262

■ 27.6758, 45.8456,
29.0520

■ 64.7198, 64.0108,
72.8798

■ 25.9694, 45.0435,
25.4669

■ 72.8203, 68.0284,
80.4132

■ 24.7526, 44.4859,
22.2617

■ 77.8594, 70.4579,
88.2517

■ 23.9173, 44.1173,
19.4200

■ 79.4035, 71.0755,
96.3825

■ 23.9099, 44.1141,
19.3940

■ 80.8838, 71.6676,
104.1779

Harmonies

Analogous

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



43.1381, 52.0425, 37.2223



40.4634, 52.0425, 47.4477



40.0990, 52.0425, 62.1347

Triad

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



40.4634, 52.0425, 47.4477



51.3394, 52.0425, 90.5110



57.6366, 52.0425, 39.7479

Complementary

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



40.4634, 52.0425, 47.4477



42.3661, 35.5396, 44.6735

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.



60.1860, 52.0425, 51.5270



40.4634, 52.0425, 47.4477



56.3818, 52.0425, 81.9180

Square

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



40.4634, 52.0425, 47.4477



46.1318, 52.0425, 88.8856



59.7111, 52.0425, 67.0058



52.9546, 52.0425, 33.3577

Rectangle

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



40.4634, 52.0425, 47.4477



41.1850, 52.0425, 72.7975



59.7111, 52.0425, 67.0058



58.7861, 52.0425, 43.1122

Sweetspot

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



40.4648, 52.0447, 47.4489



85.2835, 95.1756, 98.9364



44.1235, 54.2294, 34.1291



17.9382, 20.2156, 20.8445



0.0000, 0.0000, 0.0000



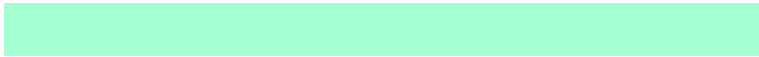
20.3446, 21.4041, 23.3091

Same Dimension

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



40.4648, 52.0447, 47.4489



62.3330, 83.8988, 72.8064



43.6998, 53.3387, 64.4842



11.2942, 12.6274, 13.1064



15.0953, 27.7834, 12.4529



0.8171, 1.4486, 0.8442

Inverse Universe

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



42.3661, 35.5396, 44.6735



65.9875, 52.1714, 67.4699



39.7612, 34.4976, 30.9561



11.4462, 11.3072, 12.8845



17.2831, 8.7238, 9.2093



0.9299, 0.4654, 0.6768

Previews

White Background



This preview shows how the XYZ color 40.4634, 52.0425, 47.4477 looks on a white background.

Color Contrast Check

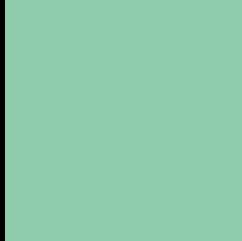
Large Text (above 18pt) WCAG AA × Fail

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 40.4634, 52.0425, 47.4477 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 40.4634, 52.0425, 47.4477

Background



This preview shows how black text looks on a background with the XYZ color 40.4634, 52.0425, 47.4477.



This preview shows how white text looks on a background with the XYZ color 40.4634, 52.0425,

47.4477.

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

40.4634, 52.0425, 47.4477

Protanopia

48.8496, 51.7222, 43.4851

Deuteranopia

52.5169, 51.6014, 48.7871



Tritanopia

45.0942, 51.8225, 71.2444

Trichromacy



Original Color

40.4634, 52.0425, 47.4477

Protanomaly

45.2669, 51.4785, 45.0866

Deuteranomaly

47.2063, 51.0876, 48.4471

Tritanomaly

43.1758, 51.7280, 61.7417

Monochromacy



Original Color

40.4634, 52.0425, 47.4477

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.6986, 48.4064, 49.7407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4634, 52.0425, 47.4477 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, 204, 173)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 173)  
}
```

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, 204, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.4634, 52.0425, 47.4477 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, 204, 173) }
```


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

```
.border{ border-color:rgb(143, 204, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 173);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4634, 52.0425, 47.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 173) }
```

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

```
.background{ background-color: rgb(143,  
204, 173) }
```

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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