

Converting Colors

XYZ(40.5422, 48.4035, 43.7652)

Have a look what the booklet for
XYZ(40.5422, 48.4035, 43.7652)
contains.

XYZ(40.5422, 48.4035, 43.7652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.5422, 48.4035,
43.7652)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C1A7
RGB	160, 193, 167
RGB Percent	63%, 76%, 65%
CMY	0.3725, 0.2431, 0.3451
CMYK	0.17, 0.00, 0.13, 0.24
HSL	133°, 21%, 69%
HSV	133°, 17%, 76%
XYZ	40.5422, 48.4035, 43.7652
YIQ	180.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

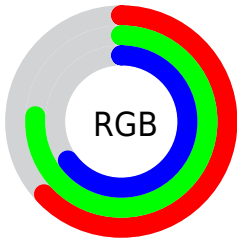
Format	Color
RYB	160, 187, 193
Decimal	10535335
CIELab	75.08, -16.20, 9.43
CIELCh	75, 18.747, 149.792
Yxy	48.4035, 0.3055, 0.3647
Android (android.graphics.Color)	4288725415 (0xFFA0C1A7)
YUV	180.1690, -6.4923, -17.6882
Hunter-Lab	69.5726, -17.7344, 11.4040

Details

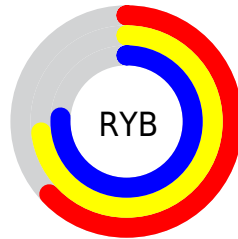
The XYZ color **40.5422, 48.4035, 43.7652** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.4277, 40.0254, 51.8933**, and the grayscale version is **43.5124, 45.7784, 49.8527**.

A 20% lighter version of the original color is **75.3948, 88.0922, 82.1370**, and **18.5115, 22.8912, 19.6624** is the 20% darker color. If you saturate the color by 10%, you get **35.6553, 46.0386, 36.6249**, and if you desaturate by 10%, it is **46.1961, 51.1475, 51.8065**.

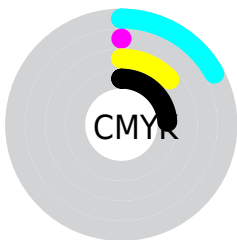
Distribution



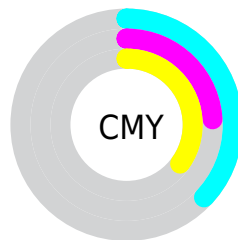
- Red (63%)
- Green (76%)
- Blue (65%)



- Red (63%)
- Yellow (73%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (37%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5422, 48.4035, 43.7652 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 40.5422, 48.4035, 43.7652 by changing the saturation by 10% instead.

■ 40.5422, 48.4035,
43.7652

■ 40.5422, 48.4035,
43.7652

339.4990,
380.3893, 377.7625

■ 28.1476, 34.1465,
30.1501

■ 75.2676, 87.8049,
82.1630

■ 18.5780, 23.0062,
19.6995

■ 98.3291, 113.7181,
107.7828

■ 11.4679, 14.5981,
11.9949

125.6769,
144.2855, 138.2413

■ 6.4521, 8.5378,
6.6177

157.6765,
179.8915, 173.9570

■ 3.1651, 4.4410,
3.1494

194.6931,
220.9204, 215.3484

■ 1.2417, 1.9232,
1.1714

237.0922,

■ 0.1389, 0.5622,

267.7568, 262.8341

0.0000

285.2390,
320.7850, 316.8326

■ 0.0000, 0.0000,
0.0000

■ 40.5422, 48.4035,
43.7652

■ 40.5422, 48.4035,
43.7652

■ 35.6553, 46.0386,
36.6249

■ 46.1961, 51.1475,
51.8065

■ 31.4981, 44.0300,
30.3509

■ 52.6443, 54.2798,
60.7752

■ 28.0364, 42.3622,
24.9112

■ 59.9174, 57.8170,
70.7009

■ 25.2311, 41.0159,
20.2705

■ 68.0434, 61.7731,
81.6107

■ 23.0398, 39.9698,
16.3910

■ 76.4938, 65.8749,
93.5048

■ 21.4144, 39.2001,
13.2319

■ 78.3609, 66.6218,
103.3370

■ 20.2997, 38.6793,
10.7483

■ 19.6213, 38.3700,
8.8900

■ 19.4700, 38.3014,
8.4589

Harmonies

Analogous

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



42.8086, 48.4035, 37.9610



40.5422, 48.4035, 43.7652



39.7251, 48.4035, 52.6346

Triad

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



40.5422, 48.4035, 43.7652



45.9821, 48.4035, 73.9213



51.9660, 48.4035, 43.8703

Complementary

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



40.5422, 48.4035, 43.7652



43.4277, 40.0254, 51.8933

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.



52.9165, 48.4035, 52.7718



40.5422, 48.4035, 43.7652



49.3590, 48.4035, 70.8395

Square

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



40.5422, 48.4035, 43.7652



42.7690, 48.4035, 70.7560



51.9400, 48.4035, 62.7821



49.4025, 48.4035, 38.0162

Rectangle

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



40.5422, 48.4035, 43.7652



40.0792, 48.4035, 59.3562



51.9400, 48.4035, 62.7821



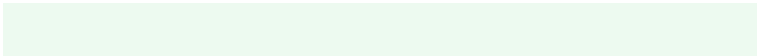
52.4903, 48.4035, 46.5669

Sweetspot

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



40.5435, 48.4055, 43.7663



84.9514, 92.6780, 95.8924



45.7640, 51.1696, 40.7230



18.0568, 19.8009, 20.3366



92.9021, 97.7402, 106.4391



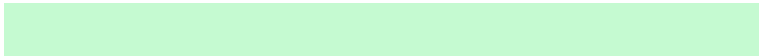
19.4759, 20.4902, 22.3138

Same Dimension

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



40.5435, 48.4055, 43.7663



68.7442, 84.8176, 72.7796



42.1263, 49.0387, 52.1012



10.0299, 11.2930, 11.1609



12.9736, 25.4835, 5.7541



0.5866, 1.1115, 0.3855

Inverse Universe

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



43.4277, 40.0254, 51.8933



74.9963, 66.6478, 90.3939



41.8108, 39.3786, 43.3788



10.4028, 10.2097, 12.2119



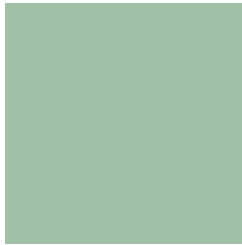
18.4306, 9.0620, 20.7113



0.8198, 0.4009, 1.0184

Previews

White Background



This preview shows how the XYZ color 40.5422, 48.4035, 43.7652 looks on a white background.

Color Contrast Check

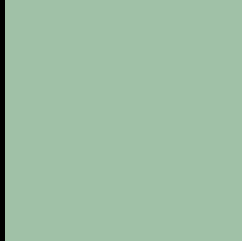
Large Text (above 18pt) WCAG AA × Fail

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 40.5422, 48.4035, 43.7652 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

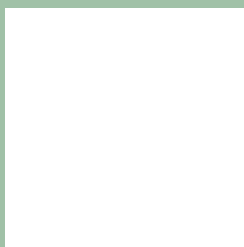
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5422, 48.4035, 43.7652

Background



This preview shows how black text looks on a background with the XYZ color 40.5422, 48.4035, 43.7652.



This preview shows how white text looks on a background with the XYZ color 40.5422, 48.4035,

43.7652.

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

40.5422, 48.4035, 43.7652

Protanopia

45.6544, 48.2271, 41.0849

Deuteranopia

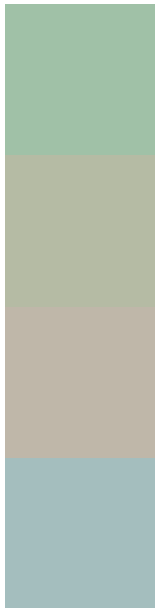
49.1885, 48.1530, 44.7321



Tritanopia

44.4886, 48.3852, 63.4944

Trichromacy



Original Color

40.5422, 48.4035, 43.7652

Protanomaly

43.5272, 48.0447, 42.1014

Deuteranomaly

45.5808, 47.8079, 44.3616

Tritanomaly

43.0176, 48.4371, 55.7972

Monochromacy



Original Color

40.5422, 48.4035, 43.7652

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.3204, 46.6773, 47.3365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5422, 48.4035, 43.7652 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(160, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(160, 193, 167)  
}
```

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(160, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 193, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.5422, 48.4035, 43.7652 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(160, 193, 167) }
```


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

```
.border{ border-color:rgb(160, 193, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 193, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(160, 193,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5422, 48.4035, 43.7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 193, 167) }
```

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

```
.background{ background-color: rgb(160,  
193, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor