

Converting Colors

XYZ(35.4211, 42.5054, 35.8455)

Have a look what the booklet for
XYZ(35.4211, 42.5054, 35.8455)
contains.

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Color

**XYZ(35.3443, 42.3983,
36.0266)**

Conversions

Conversions Part 1

Format	Color
Hex	98B698
RGB	152, 182, 152
RGB Percent	60%, 71%, 60%
CMY	0.4039, 0.2863, 0.4039
CMYK	0.16, 0.00, 0.16, 0.29
HSL	120°, 17%, 65%
HSV	120°, 16%, 71%
XYZ	35.3443, 42.3983, 36.0266
YIQ	169.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

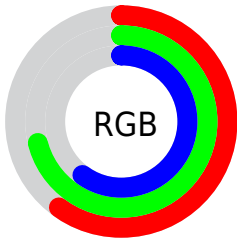
Format	Color
RYB	152, 182, 182
Decimal	10008216
CIELab	71.14, -16.07, 11.92
CIELCh	71, 20.008, 143.436
Yxy	42.3983, 0.3107, 0.3727
Android (android.graphics.Color)	4288198296 (0xFF98B698)
YUV	169.6100, -8.6817, -15.4440
Hunter-Lab	65.1140, -17.0585, 12.7755

Details

The XYZ color **35.3443, 42.3983, 36.0266** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9646, 35.7798, 49.1104**, and the grayscale version is **38.0601, 40.0422, 43.6059**.

A 20% lighter version of the original color is **67.4472, 78.8707, 70.0612**, and **15.5660, 19.4068, 15.2374** is the 20% darker color. If you saturate the color by 10%, you get **30.8178, 40.2252, 28.6217**, and if you desaturate by 10%, it is **40.6247, 44.9360, 44.6626**.

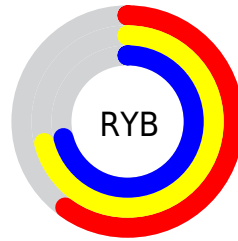
Distribution



Red (60%)

Green (71%)

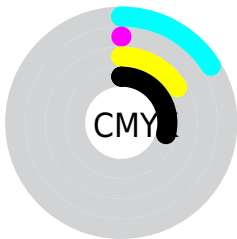
Blue (60%)



Red (60%)

Yellow (71%)

Blue (71%)

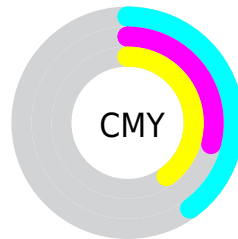


Cyan (16%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (40%)

Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3443, 42.3983, 36.0266 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 35.3443, 42.3983, 36.0266 by changing the saturation by 10% instead.

■ 35.3443, 42.3983,
36.0266

■ 35.3443, 42.3983,
36.0266

317.5669,
356.1314, 344.1177

■ 24.0960, 29.4133,
24.1649

■ 67.3493, 78.8021,
70.2426

■ 15.5299, 19.3937,
15.2426

■ 88.8367, 102.9896,
93.4340

■ 9.2809, 11.9551,
8.8413

114.4678,
131.6802, 121.2391

■ 4.9834, 6.7131,
4.5424

144.6081,
165.2581, 154.0763

■ 2.2722, 3.2833,
1.9274

179.6227,
204.1078, 192.3642

■ 0.7804, 1.2814,
0.5101

219.8772,

■ 0.0000, 0.1267,

248.6136, 236.5214

0.0000

265.7368,
299.1600, 286.9664

■ 0.0000, 0.0000,
0.0000

■ 35.3443, 42.3983,
36.0266

■ 35.3443, 42.3983,
36.0266

■ 30.8178, 40.2252,
28.6217

■ 40.6247, 44.9360,
44.6626

■ 27.0074, 38.3949,
22.3893

■ 46.6874, 47.8482,
54.5791

■ 23.8777, 36.8916,
17.2700

■ 53.5636, 51.1512,
65.8264

■ 21.3885, 35.6959,
13.1984

■ 61.2821, 54.8588,
78.4511

■ 19.4955, 34.7866,
10.1021

■ 69.8698, 58.9839,
92.4976

■ 18.1490, 34.1398,
7.8996

■ 76.0188, 61.9376,
102.5563

■ 17.2911, 33.7277,
6.4961

■ 16.8439, 33.5129,
5.7647

■ 16.7288, 33.4576,
5.5764

Harmonies

Analogous

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



37.7911, 42.3983, 31.2269



35.3443, 42.3983, 36.0266



34.2336, 42.3983, 44.0882

Triad

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



35.3443, 42.3983, 36.0266



39.5667, 42.3983, 67.0164



46.5000, 42.3983, 39.2113

Complementary

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



35.3443, 42.3983, 36.0266



38.9646, 35.7798, 49.1104

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.



47.0401, 42.3983, 48.3050



35.3443, 42.3983, 36.0266



42.9141, 42.3983, 65.2369

Square

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



35.3443, 42.3983, 36.0266



36.5826, 42.3983, 62.6179



45.6949, 42.3983, 58.0455



44.2575, 42.3983, 32.8797

Rectangle

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



35.3443, 42.3983, 36.0266



34.3540, 42.3983, 50.5837



45.6949, 42.3983, 58.0455



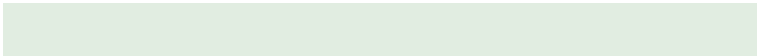
46.8916, 42.3983, 42.0106

Sweetspot

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



35.3454, 42.4001, 36.0275



75.1008, 82.1621, 83.3444



41.6887, 45.6702, 36.3241



16.4262, 18.0696, 18.1444



88.6918, 93.3107, 101.6153



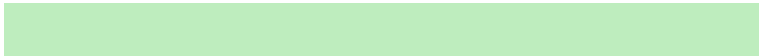
17.8044, 18.7317, 20.3988

Same Dimension

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



35.3454, 42.4001, 36.0275



60.7568, 75.2719, 59.8823



36.6531, 42.9232, 42.9136



8.8904, 10.0601, 9.5802



11.8131, 23.6262, 3.9378



0.4164, 0.8329, 0.1388

Inverse Universe

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



38.9646, 35.7798, 49.1104



68.6358, 60.8592, 88.3643



37.4960, 35.1924, 41.3770



9.3810, 9.1628, 11.3535



19.5858, 9.4081, 32.0351



0.6904, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 35.3443, 42.3983, 36.0266 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 35.3443, 42.3983, 36.0266 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 35.3443, 42.3983, 36.0266

Background



This preview shows how black text looks on a background with the XYZ color 35.3443, 42.3983, 36.0266.



This preview shows how white text looks on a background with the XYZ color 35.3443, 42.3983,

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

35.3443, 42.3983, 36.0266

Protanopia

39.8173, 42.0925, 34.0430

Deuteranopia

42.7611, 41.8743, 36.8391



Tritanopia

39.2267, 42.4750, 55.4212

Trichromacy



Original Color

35.3443, 42.3983, 36.0266

Protanomaly

37.9634, 41.9913, 34.5380

Deuteranomaly

39.6413, 41.6619, 36.5241

Tritanomaly

37.7662, 42.4824, 47.8044

Monochromacy



Original Color

35.3443, 42.3983, 36.0266

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.8512, 40.7030, 40.5645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3443, 42.3983, 36.0266 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(152, 182, 152)` looks like.

```
.text, #text, p{  
    color:rgb(152, 182, 152)  
}
```

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(152, 182, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 182, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.3443, 42.3983, 36.0266 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(152, 182, 152) }
```


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

```
.border{ border-color:rgb(152, 182, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 182, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 182, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 182, 152);  
box-shadow:4px 4px 4px 4px rgb(152, 182,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3443, 42.3983, 36.0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 182, 152) }
```

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

```
.background{ background-color: rgb(152,  
182, 152) }
```

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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