

Converting Colors

XYZ(43.8865, 51.5339, 40.5669)

Have a look what the booklet for
XYZ(43.8865, 51.5339, 40.5669)
contains.

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Color

**XYZ(43.9035, 51.5497,
40.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC59F
RGB	175, 197, 159
RGB Percent	69%, 77%, 62%
CMY	0.3137, 0.2274, 0.3765
CMYK	0.11, 0.00, 0.19, 0.23
HSL	95°, 25%, 70%
HSV	95°, 19%, 77%
XYZ	43.9035, 51.5497, 40.4370
YIQ	186.0900, -0.9140, -16.4820

Conversions

Conversions Part 2

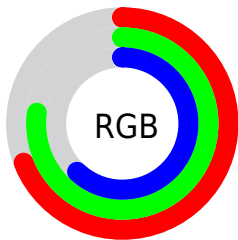
Format	Color
RYB	159, 197, 181
Decimal	11519391
CIELab	77.01, -14.40, 16.60
CIElCh	77, 21.980, 130.938
Yxy	51.5497, 0.3231, 0.3793
Android (android.graphics.Color)	4289709471 (0xFFAFC59F)
YUV	186.0900, -13.3554, -9.7259
Hunter-Lab	71.7981, -16.4966, 16.8663

Details

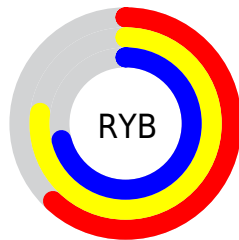
The XYZ color **43.9035, 51.5497, 40.4370** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5343, 38.6527, 58.0977**, and the grayscale version is **46.7966, 49.2337, 53.6155**.

A 20% lighter version of the original color is **80.5344, 92.7276, 77.2719**, and **20.5023, 24.8440, 17.6247** is the 20% darker color. If you saturate the color by 10%, you get **39.8758, 49.6569, 32.0247**, and if you desaturate by 10%, it is **48.4227, 53.6674, 50.2967**.

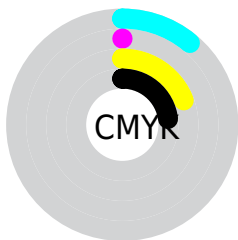
Distribution



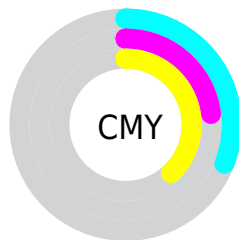
- Red (69%)
- Green (77%)
- Blue (62%)



- Red (62%)
- Yellow (77%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)





- Cyan (31%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9035, 51.5497, 40.4370 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 43.9035, 51.5497, 40.4370 by changing the saturation by 10% instead.

 43.9035, 51.5497,
40.4370


 43.9035, 51.5497,
40.4370


353.1732,
392.6957, 363.5687

 30.7922, 36.6463,
27.5631


 80.3198, 92.4668,
77.0729

 20.5917, 24.9337,
17.7604


 104.3555,
119.2493, 101.6718

 12.9367, 16.0277,
10.6104


132.7634,
150.7602, 131.0163

 7.4616, 9.5438,
5.6947

165.9088,
187.3840, 165.5247

 3.8013, 5.0975,
2.5946

204.1572,
229.5051, 205.6156

 1.5904, 2.3046,
0.8896

247.8738,

 0.3861, 0.7761,

277.5078, 251.7075

0.0000

297.4240,
331.7765, 304.2191

■ 0.0000, 0.0000,
0.0000

■ 43.9035, 51.5497,
40.4370

■ 43.9035, 51.5497,
40.4370

■ 39.8758, 49.6569,
32.0247

■ 48.4227, 53.6674,
50.2967

■ 36.3174, 47.9745,
24.9884

■ 53.4466, 56.0109,
61.6641

■ 33.2101, 46.4963,
19.2556

■ 58.9926, 58.5894,
74.6000

■ 30.5330, 45.2133,
14.7460

■ 65.0764, 61.4098,
89.1610

■ 28.2631, 44.1155,
11.3700

■ 71.3069, 64.3160,
103.2637

■ 26.3749, 43.1920,
9.0263

■ 75.1315, 66.2877,
103.4427

■ 24.8390, 42.4303,
7.5950

■ 79.2009, 68.3855,
103.6331

■ 23.6087, 41.8109,
6.8662

■ 79.2573, 68.4146,
103.6358

■ 23.5292, 41.7708,
6.8225

Harmonies

Analogous

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



47.4832, 51.5497, 36.3813



43.9035, 51.5497, 40.4370



41.7675, 51.5497, 48.9236

Triad

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



43.9035, 51.5497, 40.4370



46.4114, 51.5497, 80.8907



57.3423, 51.5497, 51.8626

Complementary

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



43.9035, 51.5497, 40.4370



41.5343, 38.6527, 58.0977

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.



57.0147, 51.5497, 64.0090



43.9035, 51.5497, 40.4370



50.5415, 51.5497, 81.9753

Square

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



43.9035, 51.5497, 40.4370



43.1574, 51.5497, 72.6502



54.4688, 51.5497, 75.4311



55.3398, 51.5497, 42.3238

Rectangle

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



43.9035, 51.5497, 40.4370



41.3725, 51.5497, 56.5074



54.4688, 51.5497, 75.4311



57.5038, 51.5497, 55.7520

Sweetspot

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



43.9049, 51.5519, 40.4381



89.4993, 97.4119, 96.2899



45.7151, 47.2338, 39.5092



19.0316, 20.7918, 20.3294



0.0000, 0.0000, 0.0000



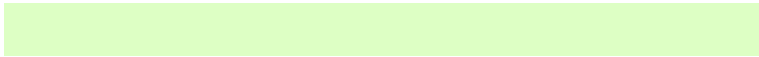
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9049, 51.5519, 40.4381



75.5952, 90.9002, 65.9949



40.7460, 49.8978, 41.4499



10.9136, 12.1024, 11.3235



15.5663, 27.5200, 4.4915



0.8193, 1.3455, 0.2165

Inverse Universe

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



41.5343, 38.6527, 58.0977



70.6011, 63.7320, 103.1882



45.2162, 40.5840, 56.7671



10.6350, 10.5856, 13.4002



11.2955, 5.0573, 35.1252



0.6162, 0.2814, 1.6670

Previews

White Background



This preview shows how the XYZ color 43.9035, 51.5497, 40.4370 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 43.9035, 51.5497, 40.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

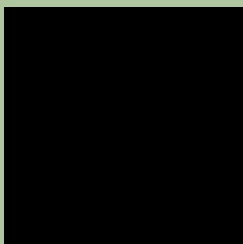
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9035, 51.5497, 40.4370

Background



This preview shows how black text looks on a background with the XYZ color 43.9035, 51.5497, 40.4370.



This preview shows how white text looks on a background with the XYZ color 43.9035, 51.5497,

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

43.9035, 51.5497, 40.4370

Protanopia

48.2014, 51.1793, 38.3484

Deuteranopia

52.3685, 51.3810, 41.3398



Tritanopia

49.0628, 51.6629, 65.7786

Trichromacy



Original Color

43.9035, 51.5497, 40.4370

Protanomaly

46.5886, 51.3060, 38.9001

Deuteranomaly

48.7734, 51.0962, 41.0101

Tritanomaly

46.8457, 51.3978, 55.5958

Monochromacy



Original Color

43.9035, 51.5497, 40.4370

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.5413, 49.9066, 48.3069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9035, 51.5497, 40.4370 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(175, 197, 159)` looks like.

```
.text, #text, p{  
    color:rgb(175, 197, 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(175, 197, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 197, 159) }
```

Border

The CSS property to change the border of an element to XYZ 43.9035, 51.5497, 40.4370 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(175, 197, 159) }
```


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

```
.border{ border-color:rgb(175, 197, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 197, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 197, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 197, 159);  
box-shadow:4px 4px 4px 4px rgb(175, 197,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9035, 51.5497, 40.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 197, 159) }
```

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

```
.background{ background-color: rgb(175,  
197, 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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