

Converting Colors

XYZ(43.5945, 50.6738, 42.1350)

Have a look what the booklet for
XYZ(43.5945, 50.6738, 42.1350)
contains.

XYZ(43.5815, 50.6732, 42.1343)	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(43.5815, 50.6732,
42.1343)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC3A3
RGB	174, 195, 163
RGB Percent	68%, 76%, 64%
CMY	0.3176, 0.2353, 0.3608
CMYK	0.11, 0.00, 0.16, 0.24
HSL	99°, 21%, 70%
HSV	99°, 16%, 76%
XYZ	43.5815, 50.6732, 42.1343
YIQ	185.0730, -2.2440, -14.4040

Conversions

Conversions Part 2

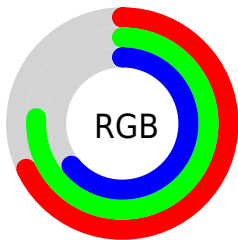
Format	Color
RYB	163, 195, 184
Decimal	11453347
CIELab	76.48, -13.06, 13.71
CIELCh	76, 18.935, 133.626
Yxy	50.6732, 0.3195, 0.3715
Android (android.graphics.Color)	4289643427 (0xFFAEC3A3)
YUV	185.0730, -10.8820, -9.7110
Hunter-Lab	71.1851, -15.2913, 14.7360

Details

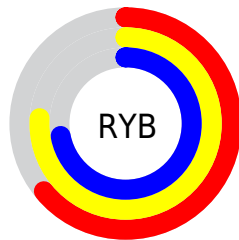
The XYZ color **43.5815, 50.6732, 42.1343** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7168, 40.3263, 57.1648**, and the grayscale version is **46.2154, 48.6222, 52.9495**.

A 20% lighter version of the original color is **80.0984, 91.5058, 79.7704**, and **20.2793, 24.2624, 18.6532** is the 20% darker color. If you saturate the color by 10%, you get **39.2509, 48.6287, 33.5037**, and if you desaturate by 10%, it is **48.4560, 52.9699, 52.1989**.

Distribution



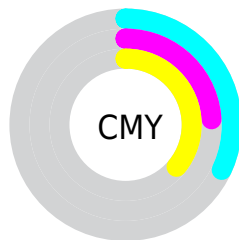
- Red (68%)
- Green (76%)
- Blue (64%)



- Red (64%)
- Yellow (76%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (32%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5815, 50.6732, 42.1343 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 43.5815, 50.6732, 42.1343 by changing the saturation by 10% instead.

■ 43.5815, 50.6732,
42.1343

■ 43.5815, 50.6732,
42.1343

351.8789,
389.2928, 370.8554

■ 30.5381, 35.9486,
28.8801

■ 79.8379, 91.1715,
79.6751

■ 20.3975, 24.3945,
18.7453

■ 103.7816,
117.7140, 104.7988

■ 12.7943, 15.6265,
11.3115

132.0895,
148.9646, 134.7161

■ 7.3630, 9.2603,
6.1599

165.1269,
185.3077, 169.8456

■ 3.7385, 4.9113,
2.8722

203.2592,
227.1277, 210.6057

■ 1.5553, 2.1953,
1.0298

246.8517,

■ 0.3630, 0.7174,

274.8089, 257.4150

0.0000

296.2698,
328.7358, 310.6921

■ 0.0000, 0.0000,
0.0000

■ 43.5815, 50.6732,
42.1343

■ 43.5815, 50.6732,
42.1343

■ 39.2509, 48.6287,
33.5037

■ 48.4560, 52.9699,
52.1989

■ 35.4402, 46.8211,
26.2385

■ 53.8891, 55.5206,
63.7550

■ 32.1297, 45.2432,
20.2698

■ 59.9000, 58.3355,
76.8613

■ 29.2967, 43.8849,
15.5208

■ 66.5057, 61.4221,
91.5722

■ 26.9163, 42.7353,
11.9073

■ 72.8234, 64.4280,
103.2054

■ 24.9615, 41.7825,
9.3339

■ 77.2744, 66.7226,
103.4137

■ 23.4014, 41.0130,
7.6897

■ 78.8061, 67.5122,
103.4854

■ 22.1983, 40.4105,
6.8310

■ 21.8323, 40.2263,
6.6138

Harmonies

Analogous

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



46.5645, 50.6732, 38.1915



43.5815, 50.6732, 42.1343



41.8739, 50.6732, 49.8168

Triad

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



43.5815, 50.6732, 42.1343



46.2543, 50.6732, 76.2637



55.1462, 50.6732, 50.6722

Complementary

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



43.5815, 50.6732, 42.1343



42.7168, 40.3263, 57.1648

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.



55.0530, 50.6732, 60.9032



43.5815, 50.6732, 42.1343



49.7984, 50.6732, 76.5668

Square

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



43.5815, 50.6732, 42.1343



43.3641, 50.6732, 69.8777



53.0556, 50.6732, 70.6608



53.3042, 50.6732, 42.6936

Rectangle

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



43.5815, 50.6732, 42.1343



41.6333, 50.6732, 56.4270



53.0556, 50.6732, 70.6608



55.3428, 50.6732, 53.9407

Sweetspot

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



43.5829, 50.6754, 42.1354



88.0202, 95.4476, 96.0878



46.2175, 48.4465, 41.5663



19.1292, 20.8333, 20.7346



0.0000, 0.0000, 0.0000



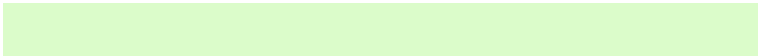
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5829, 50.6754, 42.1354



74.9155, 89.2748, 69.1356



41.6702, 49.6387, 44.3342



10.2636, 11.4233, 10.7258



14.2711, 26.1859, 4.3022



0.6913, 1.1699, 0.1894

Inverse Universe

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



42.7168, 40.3263, 57.1648



73.0462, 66.9578, 101.5440



44.9209, 41.5243, 54.4796



10.1503, 10.0686, 12.6933



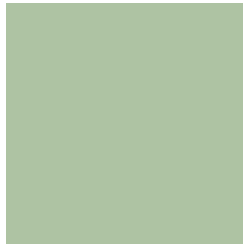
12.2792, 5.5906, 33.9885



0.6022, 0.2785, 1.4719

Previews

White Background



This preview shows how the XYZ color 43.5815, 50.6732, 42.1343 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 43.5815, 50.6732, 42.1343 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

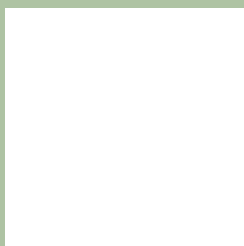
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5815, 50.6732, 42.1343

Background



This preview shows how black text looks on a background with the XYZ color 43.5815, 50.6732, 42.1343.



This preview shows how white text looks on a background with the XYZ color 43.5815, 50.6732,

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

43.5815, 50.6732, 42.1343

Protanopia

47.5299, 50.4754, 40.0385

Deuteranopia

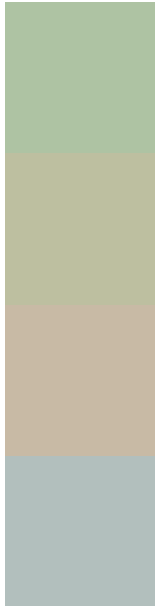
51.4311, 50.2480, 43.0645



Tritanopia

47.9191, 50.4581, 64.3405

Trichromacy



Original Color

43.5815, 50.6732, 42.1343

Protanomaly

45.9622, 50.6185, 40.6056

Deuteranomaly

48.1699, 50.1138, 42.7314

Tritanomaly

46.1762, 50.4007, 55.4387

Monochromacy



Original Color

43.5815, 50.6732, 42.1343

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1895, 49.3933, 48.7471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5815, 50.6732, 42.1343 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(174, 195, 163)` looks like.

```
.text, #text, p{  
    color:rgb(174, 195, 163)  
}
```

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(174, 195, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 195, 163) }
```

Border

The CSS property to change the border of an element to XYZ 43.5815, 50.6732, 42.1343 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(174, 195, 163) }
```


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

```
.border{ border-color:rgb(174, 195, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 195, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 195, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 195, 163);  
box-shadow:4px 4px 4px 4px rgb(174, 195,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5815, 50.6732, 42.1343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 195, 163) }
```

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

```
.background{ background-color: rgb(174,  
195, 163) }
```

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