

Converting Colors

XYZ(43.7092, 51.7739, 40.5085)

Have a look what the booklet for
XYZ(43.7092, 51.7739, 40.5085)
contains.

XYZ(43.6857, 51.7756, 40.4921)	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(43.6857, 51.7756,
40.4921)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC69F
RGB	173, 198, 159
RGB Percent	68%, 78%, 62%
CMY	0.3216, 0.2235, 0.3765
CMYK	0.13, 0.00, 0.20, 0.22
HSL	98°, 25%, 70%
HSV	98°, 20%, 78%
XYZ	43.6857, 51.7756, 40.4921
YIQ	186.0790, -2.3810, -17.4290

Conversions

Conversions Part 2

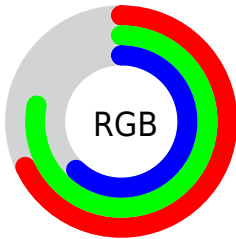
Format	Color
RYB	159, 198, 184
Decimal	11388575
CIELab	77.15, -15.63, 16.77
CIELCh	77, 22.924, 132.975
Yxy	51.7756, 0.3213, 0.3808
Android (android.graphics.Color)	4289578655 (0xFFADC69F)
YUV	186.0790, -13.3499, -11.4703
Hunter-Lab	71.9553, -17.5502, 17.0038

Details

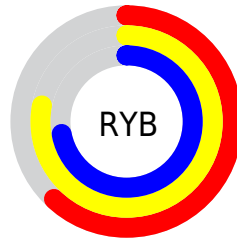
The XYZ color **43.6857, 51.7756, 40.4921** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.3604, 39.0653, 58.7365**, and the grayscale version is **46.7910, 49.2278, 53.6090**.

A 20% lighter version of the original color is **80.2107, 93.0331, 77.3480**, and **20.3728, 25.0011, 17.6619** is the 20% darker color. If you saturate the color by 10%, you get **39.4288, 49.7655, 32.0309**, and if you desaturate by 10%, it is **48.4873, 54.0378, 50.4178**.

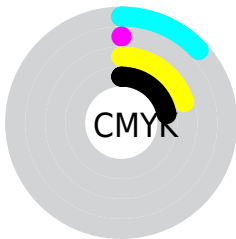
Distribution



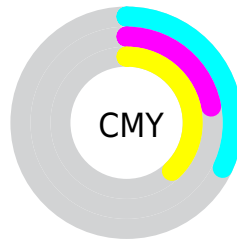
- Red (68%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)





- Cyan (32%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6857, 51.7756, 40.4921 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 43.6857, 51.7756, 40.4921 by changing the saturation by 10% instead.


 43.6857, 51.7756,
40.4921

 43.6857, 51.7756,
40.4921


352.2981,
393.5697, 363.8069

 30.6203, 36.8262,
27.6057


 79.9939, 92.8002,
77.1576

 20.4603, 25.0730,
17.7922

 103.9674,
119.6443, 101.7737

 12.8403, 16.1314,
10.6330


132.3077,
151.2220, 131.1369

 7.3949, 9.6172,
5.7096

165.3801,
187.9178, 165.6656

 3.7588, 5.1459,
2.6034

203.5500,
230.1161, 205.7785

 1.5666, 2.3331,
0.8942

247.1827,

 0.3705, 0.7912,

278.2012, 251.8939

0.0000

296.6436,
332.5576, 304.4306

■ 0.0000, 0.0000,
0.0000

■ 43.6857, 51.7756,
40.4921

■ 43.6857, 51.7756,
40.4921

■ 39.4288, 49.7655,
32.0309

■ 48.4873, 54.0378,
50.4178

■ 35.6921, 47.9918,
24.9614

■ 53.8489, 56.5539,
61.8691

■ 32.4550, 46.4469,
19.2100

■ 59.7901, 59.3342,
74.9079

■ 29.6940, 45.1206,
14.6948

■ 66.3284, 62.3866,
89.5917

■ 27.3833, 44.0016,
11.3248

■ 72.9929, 65.5233,
103.4079

■ 25.4943, 43.0774,
8.9964

■ 77.3697, 67.7797,
103.6127

■ 23.9943, 42.3338,
7.5872

■ 79.4851, 68.8702,
103.7117

■ 22.8303, 41.7483,
6.8721

■ 22.7988, 41.7325,
6.8536

Harmonies

Analogous

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



47.3427, 51.7756, 35.9703



43.6857, 51.7756, 40.4921



41.5831, 51.7756, 49.5977

Triad

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



43.6857, 51.7756, 40.4921



46.7841, 51.7756, 82.7524



57.8910, 51.7756, 51.1264

Complementary

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



43.6857, 51.7756, 40.4921



42.3604, 39.0653, 58.7365

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.



57.7193, 51.7756, 63.7428



43.6857, 51.7756, 40.4921



51.1281, 51.7756, 83.3241

Square

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



43.6857, 51.7756, 40.4921



43.2977, 51.7756, 74.4848



55.1839, 51.7756, 75.9470



55.6399, 51.7756, 41.4675

Rectangle

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



43.6857, 51.7756, 40.4921



41.2639, 51.7756, 57.6370



55.1839, 51.7756, 75.9470



58.1185, 51.7756, 55.1312

Sweetspot

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



43.6871, 51.7778, 40.4932



89.1667, 97.2404, 96.2743



46.6270, 48.6675, 39.7379



18.9531, 20.7514, 20.3257



0.0000, 0.0000, 0.0000



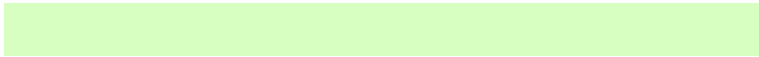
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6871, 51.7778, 40.4932



73.7252, 89.9695, 64.4014



41.2126, 50.4490, 42.7832



10.8508, 12.0700, 11.3206



14.9114, 27.1824, 4.4608



0.7851, 1.3278, 0.2149

Inverse Universe

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



42.3604, 39.0653, 58.7365



70.9125, 63.0439, 103.0389



45.2921, 40.6448, 55.7957



10.6996, 10.6189, 13.4032



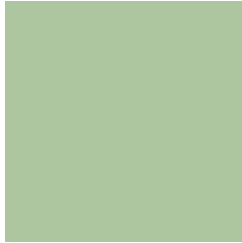
12.4102, 5.6320, 35.1773



0.6646, 0.3064, 1.6692

Previews

White Background



This preview shows how the XYZ color 43.6857, 51.7756, 40.4921 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 43.6857, 51.7756, 40.4921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

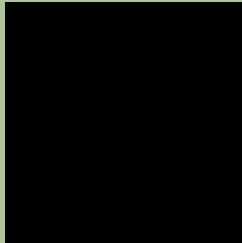
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6857, 51.7756, 40.4921

Background



This preview shows how black text looks on a background with the XYZ color 43.6857, 51.7756, 40.4921.



This preview shows how white text looks on a background with the XYZ color 43.6857, 51.7756,

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

43.6857, 51.7756, 40.4921

Protanopia

48.4172, 51.6110, 38.4204

Deuteranopia

52.3685, 51.3810, 41.3398



Tritanopia

48.7157, 51.4699, 66.3986

Trichromacy



Original Color

43.6857, 51.7756, 40.4921

Protanomaly

46.5566, 51.6166, 38.9617

Deuteranomaly

48.7734, 51.0962, 41.0101

Tritanomaly

46.7175, 51.6484, 56.2221

Monochromacy



Original Color

43.6857, 51.7756, 40.4921

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.3060, 49.7853, 48.2959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6857, 51.7756, 40.4921 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(173, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 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(173, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 159) }
```

Border

The CSS property to change the border of an element to XYZ 43.6857, 51.7756, 40.4921 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(173, 198, 159) }
```


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

```
.border{ border-color:rgb(173, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6857, 51.7756, 40.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 159) }
```

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

```
.background{ background-color: rgb(173,  
198, 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](#).

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