

Converting Colors

XYZ(43.6027, 51.5284, 41.2163)

Have a look what the booklet for
XYZ(43.6027, 51.5284, 41.2163)
contains.

XYZ(43.6329, 51.3900, 41.3378)	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(43.6329, 51.3900,
41.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC5A1
RGB	173, 197, 161
RGB Percent	68%, 77%, 63%
CMY	0.3216, 0.2274, 0.3686
CMYK	0.12, 0.00, 0.18, 0.23
HSL	100°, 24%, 70%
HSV	100°, 18%, 77%
XYZ	43.6329, 51.3900, 41.3378
YIQ	185.7200, -2.7480, -16.2840

Conversions

Conversions Part 2

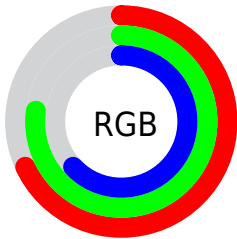
Format	Color
RYB	161, 197, 185
Decimal	11388321
CIELab	76.91, -14.78, 15.38
CIELCh	77, 21.332, 133.869
Yxy	51.3900, 0.3200, 0.3769
Android (android.graphics.Color)	4289578401 (0xFFADC5A1)
YUV	185.7200, -12.1870, -11.1554
Hunter-Lab	71.6868, -16.8061, 15.9915

Details

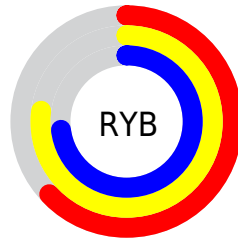
The XYZ color **43.6329, 51.3900, 41.3378** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.8326, 39.8367, 58.2578**, and the grayscale version is **46.5838, 49.0098, 53.3716**.

A 20% lighter version of the original color is **80.1496, 92.4995, 78.5956**, and **20.3285, 24.7421, 18.1723** is the 20% darker color. If you saturate the color by 10%, you get **39.2680, 49.3265, 32.7683**, and if you desaturate by 10%, it is **48.5599, 53.7147, 51.3646**.

Distribution



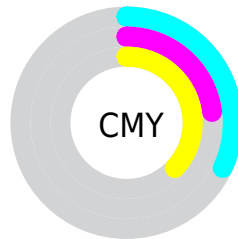
- Red (68%)
- Green (77%)
- Blue (63%)



- Red (63%)
- Yellow (77%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)





- Cyan (32%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6329, 51.3900, 41.3378 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 43.6329, 51.3900, 41.3378 by changing the saturation by 10% instead.


 43.6329, 51.3900,
41.3378


 43.6329, 51.3900,
41.3378


352.0857,
392.0771, 367.4488

 30.5787, 36.5191,
28.2614


 79.9148, 92.2310,
78.4557

 20.4285, 24.8354,
18.2821


 103.8733,
118.9699, 103.3342

 12.8170, 15.9544,
10.9812


132.1971,
150.4335, 132.9840

 7.3788, 9.4919,
5.9402

165.2518,
187.0063, 167.8234

 3.7485, 5.0634,
2.7405

203.4027,
229.0727, 208.2710

 1.5609, 2.2845,
0.9637

247.0150,

 0.3667, 0.7655,

277.0170, 254.7455

0.0000

296.4542,
331.2237, 307.6652

■ 0.0000, 0.0000,
0.0000

■ 43.6329, 51.3900,
41.3378

■ 43.6329, 51.3900,
41.3378

■ 39.2680, 49.3265,
32.7683

■ 48.5599, 53.7147,
51.3646

■ 35.4401, 47.5081,
25.5850

■ 54.0647, 56.3027,
62.9086

■ 32.1281, 45.9272,
19.7160

■ 60.1674, 59.1646,
76.0305

■ 29.3080, 44.5731,
15.0814

■ 66.8860, 62.3086,
90.7866

■ 26.9535, 43.4341,
11.5926

■ 73.5039, 65.4486,
103.3665

■ 25.0356, 42.4975,
9.1495

■ 78.0928, 67.8143,
103.5813

■ 23.5213, 41.7488,
7.6344

■ 79.2573, 68.4146,
103.6358

■ 22.3646, 41.1683,
6.8651

■ 22.1912, 41.0810,
6.7598

Harmonies

Analogous

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



46.9975, 51.3900, 36.9384



43.6329, 51.3900, 41.3378



41.7241, 51.3900, 49.9716

Triad

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



43.6329, 51.3900, 41.3378



46.7081, 51.3900, 80.2916



56.8206, 51.3900, 50.7660

Complementary

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



43.6329, 51.3900, 41.3378



42.8326, 39.8367, 58.2578

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.



56.7325, 51.3900, 62.3978



43.6329, 51.3900, 41.3378



50.7396, 51.3900, 80.5824

Square

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



43.6329, 51.3900, 41.3378



43.4312, 51.3900, 72.9193



54.4557, 51.3900, 73.6661



54.6902, 51.3900, 41.8497

Rectangle

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



43.6329, 51.3900, 41.3378



41.4640, 51.3900, 57.4770



54.4557, 51.3900, 73.6661



57.0530, 51.3900, 54.4601

Sweetspot

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



43.6343, 51.3922, 41.3389



90.0061, 97.6291, 98.3019



46.8101, 49.1437, 40.7375



19.1179, 20.8275, 20.7341



0.0000, 0.0000, 0.0000



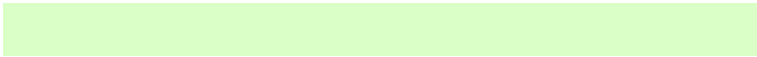
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6343, 51.3922, 41.3389



74.8504, 90.4823, 67.4918



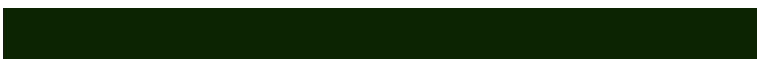
41.6408, 50.3019, 44.0748



10.8250, 12.0567, 11.3194



14.6752, 27.0606, 4.4498



0.7720, 1.3211, 0.2143

Inverse Universe

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



42.8326, 39.8367, 58.2578



73.1431, 65.9056, 103.4737



45.1768, 41.1230, 54.8491



10.7264, 10.6327, 13.4045



12.9118, 5.8905, 35.2008



0.6859, 0.3173, 1.6702

Previews

White Background



This preview shows how the XYZ color 43.6329, 51.3900, 41.3378 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 43.6329, 51.3900, 41.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

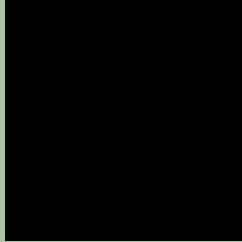
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6329, 51.3900, 41.3378

Background



This preview shows how black text looks on a background with the XYZ color 43.6329, 51.3900, 41.3378.



This preview shows how white text looks on a background with the XYZ color 43.6329, 51.3900,

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

43.6329, 51.3900, 41.3378

Protanopia

48.1028, 51.1089, 39.2280

Deuteranopia

52.0441, 50.8879, 42.2013



Tritanopia

48.5938, 51.4211, 65.7566

Trichromacy



Original Color

43.6329, 51.3900, 41.3378

Protanomaly

46.2564, 51.1150, 39.7760

Deuteranomaly

48.4686, 50.6025, 41.8630

Tritanomaly

46.4957, 51.2047, 56.1481

Monochromacy



Original Color

43.6329, 51.3900, 41.3378

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.4053, 49.8250, 48.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6329, 51.3900, 41.3378 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, 197, 161)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 161)  
}
```

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, 197, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 161) }
```

Border

The CSS property to change the border of an element to XYZ 43.6329, 51.3900, 41.3378 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, 197, 161) }
```


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

```
.border{ border-color:rgb(173, 197, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 197, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 197, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 197, 161);  
box-shadow:4px 4px 4px 4px rgb(173, 197,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6329, 51.3900, 41.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 197, 161) }
```

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

```
.background{ background-color: rgb(173,  
197, 161) }
```

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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