

Converting Colors

XYZ(43.6436, 38.0441, 34.3211)

Have a look what the booklet for
XYZ(43.6436, 38.0441, 34.3211)
contains.

XYZ(43.6436, 38.0441, 34.3211)	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(43.6436, 38.0441,
34.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	D49697
RGB	212, 150, 151
RGB Percent	83%, 59%, 59%
CMY	0.1686, 0.4117, 0.4078
CMYK	0.00, 0.29, 0.29, 0.17
HSL	359°, 42%, 71%
HSV	359°, 29%, 83%
XYZ	43.6436, 38.0441, 34.3211
YIQ	168.6520, 36.6310, 13.4550

Conversions

Conversions Part 2

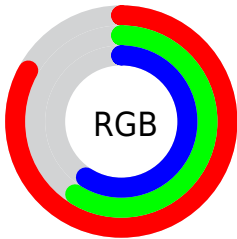
Format	Color
R _Y B	212, 150, 151
Decimal	13932183
CIE Lab	68.05, 23.44, 8.81
CIE LCh	68, 25.044, 20.589
Yxy	38.0441, 0.3762, 0.3279
Android (android.graphics.Color)	4292122263 (0xFFD49697)
YUV	168.6520, -8.7024, 38.0162
Hunter-Lab	61.6799, 18.3636, 10.1847

Details

The XYZ color **43.6436, 38.0441, 34.3211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8806, 58.2749, 70.3556**, and the grayscale version is **37.5700, 39.5266, 43.0444**.

A 20% lighter version of the original color is **74.0908, 69.3304, 67.2347**, and **20.4724, 16.9117, 14.2419** is the 20% darker color. If you saturate the color by 10%, you get **39.0148, 31.2619, 25.1468**, and if you desaturate by 10%, it is **49.1862, 46.1738, 45.2796**.

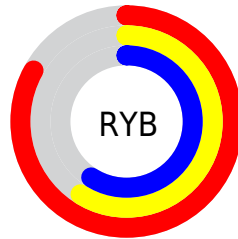
Distribution



Red (83%)

Green (59%)

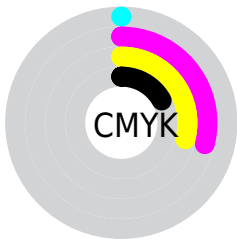
Blue (59%)



Red (83%)

Yellow (59%)

Blue (59%)

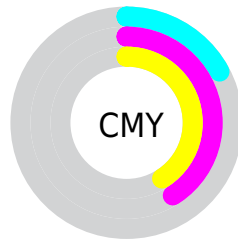


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (17%)



Cyan (17%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6436, 38.0441, 34.3211 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 43.6436, 38.0441, 34.3211 by changing the saturation by 10% instead.


 43.6436, 38.0441,
34.3211


 43.6436, 38.0441,
34.3211


352.1287,
337.8091, 336.3742

 30.5871, 26.0169,
22.8610


 79.9309, 72.1757,
67.5723

 20.4349, 16.8363,
14.2866

 103.8923, 95.0490,
90.2005

 12.8217, 10.1178,
8.1792


132.2195,
122.3063, 117.3885

 7.3820, 5.4772,
4.1204

165.2778,
154.3322, 149.5548

 3.7506, 2.5299,
1.6916

203.4325,
191.5111, 187.1180

 1.5620, 0.8915,
0.3550

247.0490,

 0.3675, 0.0000,

234.2272, 230.4966

0.0000

296.4926,
282.8651, 280.1092

■ 0.0000, 0.0000,
0.0000

■ 43.6436, 38.0441,
34.3211

■ 43.6436, 38.0441,
34.3211

■ 39.0148, 31.2619,
25.1468

■ 49.1862, 46.1738,
45.2796

■ 35.2480, 25.7494,
17.6600

■ 55.6846, 55.7124,
58.1072

■ 32.2907, 21.4292,
11.7588

■ 63.1822, 66.7243,
72.8863

■ 30.0836, 18.2133,
7.3291

■ 71.7186, 79.2682,
89.6935

■ 28.5594, 16.0017,
4.2414

■ 80.9614, 92.7371,
108.2407

■ 27.6387, 14.6760,
2.3442

■ 27.1961, 14.0428,
1.4203

■ 27.1701, 14.0045,
1.3689

Harmonies

Analogous

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



44.0735, 38.0441, 45.0355



43.6436, 38.0441, 34.3211



41.1326, 38.0441, 26.9480

Triad

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



43.6436, 38.0441, 34.3211



30.6701, 38.0441, 29.2302



34.9474, 38.0441, 66.4276

Complementary

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



43.6436, 38.0441, 34.3211



47.8806, 58.2749, 70.3556

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.



31.6048, 38.0441, 60.3299



43.6436, 38.0441, 34.3211



29.2550, 38.0441, 38.0101

Square

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



43.6436, 38.0441, 34.3211



33.5864, 38.0441, 24.3964



29.5845, 38.0441, 49.4439



38.8614, 38.0441, 64.9554

Rectangle

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



43.6436, 38.0441, 34.3211



38.7096, 38.0441, 24.2905



29.5845, 38.0441, 49.4439



33.7244, 38.0441, 65.1594

Sweetspot

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



43.6446, 38.0459, 34.3219



84.7357, 84.8514, 88.5679



49.6454, 40.4119, 67.4711



17.8055, 17.6751, 18.3035



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.



43.6446, 38.0459, 34.3219



61.8228, 51.2384, 43.2797



48.9720, 48.8295, 35.7004



12.4313, 12.4240, 12.9454



16.7770, 8.6471, 0.8636



1.0148, 0.5227, 0.0674

Inverse Universe

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



43.6446, 38.0459, 34.3219



61.8228, 51.2384, 43.2797



41.1977, 44.7087, 68.7457



12.4313, 12.4240, 12.9454



16.7770, 8.6471, 0.8636



1.0148, 0.5227, 0.0674

Previews

White Background



This preview shows how the XYZ color 43.6436, 38.0441, 34.3211 looks on a white background.

Color Contrast Check

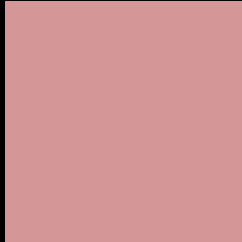
Large Text (above 18pt) WCAG AA × Fail

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 43.6436, 38.0441, 34.3211 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 43.6436, 38.0441, 34.3211

Background



This preview shows how black text looks on a background with the XYZ color 43.6436, 38.0441, 34.3211.



This preview shows how white text looks on a background with the XYZ color 43.6436, 38.0441,

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

43.6436, 38.0441, 34.3211

Protanopia

36.6888, 38.4336, 38.2856

Deuteranopia

38.9819, 38.1304, 33.7391



Tritanopia

44.5332, 38.1791, 38.2799

Trichromacy



Original Color

43.6436, 38.0441, 34.3211

Protanomaly

38.8213, 37.9810, 36.7375

Deuteranomaly

40.4194, 37.8493, 34.0295

Tritanomaly

44.2738, 38.0753, 36.9141

Monochromacy



Original Color

43.6436, 38.0441, 34.3211

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.4495, 38.7636, 39.5853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6436, 38.0441, 34.3211 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(212, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(212, 150, 151)  
}
```

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(212, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 150, 151) }
```

Border

The CSS property to change the border of an element to XYZ 43.6436, 38.0441, 34.3211 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(212, 150, 151) }
```


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

```
.border{ border-color:rgb(212, 150, 151) }
```

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

Here you see how a box with a 4 pixel rgb(212, 150, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(212, 150,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6436, 38.0441, 34.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 150, 151) }
```

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

```
.background{ background-color: rgb(212,  
150, 151) }
```

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