

Converting Colors

XYZ(43.0907, 50.1977, 37.1238)

Have a look what the booklet for
XYZ(43.0907, 50.1977, 37.1238)
contains.

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Color

**XYZ(43.0907, 50.1977,
37.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C298
RGB	177, 194, 152
RGB Percent	69%, 76%, 60%
CMY	0.3059, 0.2392, 0.4039
CMYK	0.09, 0.00, 0.22, 0.24
HSL	84°, 26%, 68%
HSV	84°, 22%, 76%
XYZ	43.0907, 50.1977, 37.1238
YIQ	184.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

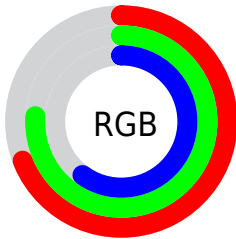
Format	Color
RYB	152, 194, 169
Decimal	11649688
CIELab	76.19, -13.27, 19.23
CIElCh	76, 23.361, 124.603
Yxy	50.1977, 0.3304, 0.3849
Android (android.graphics.Color)	4289839768 (0xFFB1C298)
YUV	184.1290, -15.8396, -6.2521
Hunter-Lab	70.8503, -15.4256, 18.5288

Details

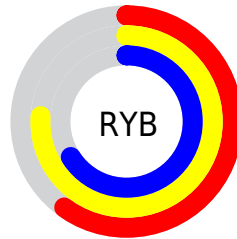
The XYZ color **43.0907, 50.1977, 37.1238** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3302, 34.7880, 55.7890**, and the grayscale version is **45.7159, 48.0966, 52.3772**.

A 20% lighter version of the original color is **79.2420, 90.7742, 71.7372**, and **20.0392, 23.9808, 15.8845** is the 20% darker color. If you saturate the color by 10%, you get **39.8926, 48.7193, 29.3474**, and if you desaturate by 10%, it is **46.6544, 51.8375, 46.2761**.

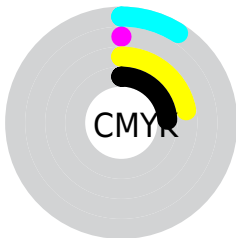
Distribution



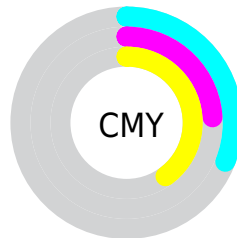
- Red (69%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)





- Cyan (31%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0907, 50.1977, 37.1238 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 43.0907, 50.1977, 37.1238 by changing the saturation by 10% instead.


 43.0907, 50.1977,
37.1238


 43.0907, 50.1977,
37.1238


349.8998,
387.4386, 349.0310

 30.1511, 35.5705,
25.0068


 79.1026, 90.4677,
71.9516

 20.1020, 24.1027,
15.8631


 102.9056,
116.8794, 95.4995

 12.5779, 15.4098,
9.2740


131.0604,
147.9879, 123.6948

 7.2135, 9.1075,
4.8211

163.9325,
184.1778, 156.9560

 3.6435, 4.8114,
2.0858

201.8871,
225.8334, 195.7017

 1.5025, 2.1370,
0.6073

245.2896,

 0.3275, 0.6853,

273.3392, 240.3504

0.0000

294.5054,
327.0794, 291.3207

■ 0.0000, 0.0000,
0.0000

■ 43.0907, 50.1977,
37.1238

■ 43.0907, 50.1977,
37.1238

■ 39.8926, 48.7193,
29.3474

■ 46.6544, 51.8375,
46.2761

■ 37.0417, 47.3899,
22.8770

■ 50.5932, 53.6378,
56.8630

■ 34.5240, 46.2053,
17.6417

■ 54.9210, 55.6059,
68.9440

■ 32.3226, 45.1584,
13.5623

■ 59.6499, 57.7470,
82.5738

■ 30.4190, 44.2418,
10.5506

■ 64.7913, 60.0657,
97.8049

■ 28.7921, 43.4466,
8.5057

■ 68.1220, 61.6729,
102.9214

■ 27.4170, 42.7629,
7.3071

■ 70.6147, 62.9579,
103.0380

■ 26.4243, 42.2621,
6.7647

■ 73.2213, 64.3017,
103.1600

■ 75.9433, 65.7050,
103.2874

Harmonies

Analogous

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



47.0394, 50.1977, 33.9830



43.0907, 50.1977, 37.1238



40.5066, 50.1977, 44.9589

Triad

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



43.0907, 50.1977, 37.1238



44.1927, 50.1977, 79.4445



56.5999, 50.1977, 52.7457

Complementary

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



43.0907, 50.1977, 37.1238



37.3302, 34.7880, 55.7890

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.



55.7235, 50.1977, 65.6577



43.0907, 50.1977, 37.1238



48.3898, 50.1977, 82.3684

Square

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



43.0907, 50.1977, 37.1238



41.1151, 50.1977, 69.5159



52.6512, 50.1977, 76.9889



54.9780, 50.1977, 42.0820

Rectangle

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



43.0907, 50.1977, 37.1238



39.8149, 50.1977, 52.4212



52.6512, 50.1977, 76.9889



56.5885, 50.1977, 56.9550

Sweetspot

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



43.0920, 50.1999, 37.1249



88.3999, 95.6863, 94.1632



42.0683, 42.0397, 35.6038



19.2542, 20.9066, 20.3398



0.0000, 0.0000, 0.0000



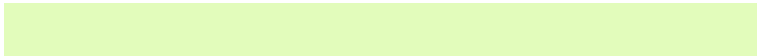
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0920, 50.1999, 37.1249



75.2272, 89.6326, 60.2447



38.7099, 47.9408, 36.9198



10.5062, 11.5484, 10.7372



17.4670, 27.8334, 4.4518



0.8310, 1.2420, 0.1959

Inverse Universe

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



37.3302, 34.7880, 55.7890



62.9253, 56.7220, 100.1017



42.1531, 37.2743, 56.0147



9.9057, 9.9426, 12.6818



8.5846, 3.6860, 33.8156



0.4489, 0.1994, 1.4647

Previews

White Background



This preview shows how the XYZ color 43.0907, 50.1977, 37.1238 looks on a white background.

Color Contrast Check

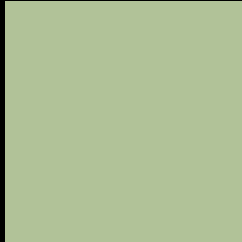
Large Text (above 18pt) WCAG AA × Fail

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 43.0907, 50.1977, 37.1238 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

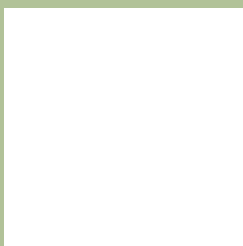
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0907, 50.1977, 37.1238

Background



This preview shows how black text looks on a background with the XYZ color 43.0907, 50.1977, 37.1238.



This preview shows how white text looks on a background with the XYZ color 43.0907, 50.1977,

37.1238.

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

43.0907, 50.1977, 37.1238

Protanopia

46.7483, 49.8527, 35.5924

Deuteranopia

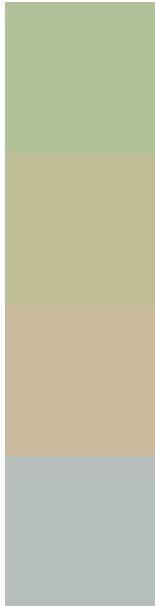
50.8529, 49.7608, 37.9349



Tritanopia

48.1982, 49.9953, 62.9869

Trichromacy



Original Color

43.0907, 50.1977, 37.1238

Protanomaly

45.4043, 50.1053, 36.1324

Deuteranomaly

47.5388, 49.5876, 37.6376

Tritanomaly

46.1212, 50.1114, 52.5890

Monochromacy



Original Color

43.0907, 50.1977, 37.1238

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.4857, 48.7688, 46.0984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0907, 50.1977, 37.1238 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(177, 194, 152)` looks like.

```
.text, #text, p{  
    color:rgb(177, 194, 152)  
}
```

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(177, 194, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 194, 152) }
```

Border

The CSS property to change the border of an element to XYZ 43.0907, 50.1977, 37.1238 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(177, 194, 152) }
```


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

```
.border{ border-color:rgb(177, 194, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 194, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 194, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 194, 152);  
box-shadow:4px 4px 4px 4px rgb(177, 194,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0907, 50.1977, 37.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 194, 152) }
```

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

```
.background{ background-color: rgb(177,  
194, 152) }
```

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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