

Converting Colors

XYZ(47.3938, 59.5934, 38.6049)

Have a look what the booklet for
XYZ(47.3938, 59.5934, 38.6049)
contains.

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Color

**XYZ(47.3933, 59.4741,
38.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD698
RGB	175, 214, 152
RGB Percent	69%, 84%, 60%
CMY	0.3137, 0.1608, 0.4039
CMYK	0.18, 0.00, 0.29, 0.16
HSL	98°, 43%, 72%
HSV	98°, 29%, 84%
XYZ	47.3933, 59.4741, 38.6875
YIQ	195.2710, -3.3420, -27.5500

Conversions

Conversions Part 2

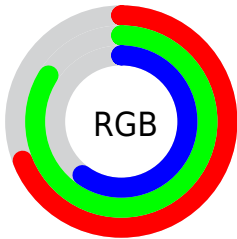
Format	Color
RYB	152, 214, 191
Decimal	11523736
CIELab	81.55, -23.99, 26.54
CIELCh	82, 35.775, 132.118
Yxy	59.4741, 0.3256, 0.4086
Android (android.graphics.Color)	4289713816 (0xFFAFD698)
YUV	195.2710, -21.3326, -17.7777
Hunter-Lab	77.1195, -25.2629, 24.2404

Details

The XYZ color **47.3933, 59.4741, 38.6875** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.8541, 38.3895, 68.6674**, and the grayscale version is **52.1594, 54.8758, 59.7597**.

A 20% lighter version of the original color is **79.9775, 93.0139, 72.7697**, and **22.7731, 29.8734, 16.8778** is the 20% darker color. If you saturate the color by 10%, you get **42.9243, 57.3566, 30.1400**, and if you desaturate by 10%, it is **52.4830, 61.8786, 48.9173**.

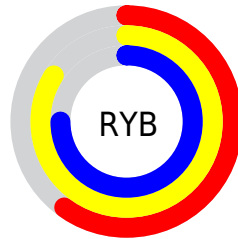
Distribution



Red (69%)

Green (84%)

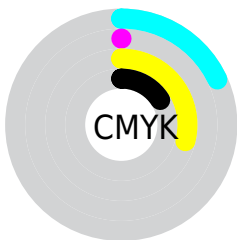
Blue (60%)



Red (60%)

Yellow (84%)

Blue (75%)

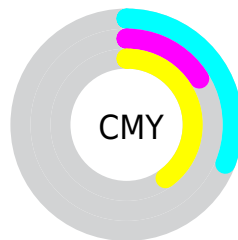


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3933, 59.4741, 38.6875 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 47.3933, 59.4741, 38.6875 by changing the saturation by 10% instead.

■ 47.3933, 59.4741,
38.6875

■ 47.3933, 59.4741,
38.6875

367.0050,
422.6566, 355.9463

■ 33.5559, 42.9949,
26.2107

■ 85.5156, 104.0664,
74.3758

■ 22.7139, 29.8811,
16.7542

■ 110.5312,
132.9483, 98.4243

■ 14.5020, 19.7484,
9.8993

140.0036,
166.7332, 127.1673

■ 8.5546, 12.2123,
5.2275

174.2982,
205.8055, 161.0231

■ 4.5066, 6.8884,
2.3203

213.7802,
250.5496, 200.4104

■ 1.9925, 3.3924,
0.7426

258.8151,

■ 0.6298, 1.3399,

301.3499, 245.7476

0.0000

309.7683,
358.5907, 297.4534

■ 0.0000, 0.1718,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.3933, 59.4741,
38.6875

■ 47.3933, 59.4741,
38.6875

■ 42.9243, 57.3566,
30.1400

■ 52.4830, 61.8786,
48.9173

■ 39.0455, 55.5070,
23.1808

■ 58.2128, 64.5729,
60.9087

■ 35.7306, 53.9158,
17.7128

■ 64.6071, 67.5698,
74.7408

■ 32.9494, 52.5695,
13.6266

■ 71.6875, 70.8787,
90.4868

■ 30.6680, 51.4537,
10.7978

■ 78.8231, 74.2481,
104.7846

■ 28.8479, 50.5515,
9.0794

■ 83.3378, 76.5755,
104.9959

■ 27.4330, 49.8393,
8.2372

■ 27.3041, 49.7742,
8.1683

Harmonies

Analogous

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



53.5531, 59.4741, 32.1753



47.3933, 59.4741, 38.6875



43.8786, 59.4741, 52.8796

Triad

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



47.3933, 59.4741, 38.6875



52.2127, 59.4741, 112.5813



71.8415, 59.4741, 56.4640

Complementary

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



47.3933, 59.4741, 38.6875



44.8541, 38.3895, 68.6674

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.



71.4018, 59.4741, 78.2921



47.3933, 59.4741, 38.6875



59.6118, 59.4741, 114.1433

Square

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



47.3933, 59.4741, 38.6875



46.4870, 59.4741, 96.6119



66.7677, 59.4741, 100.4990



67.9206, 59.4741, 40.8092

Rectangle

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



47.3933, 59.4741, 38.6875



43.3008, 59.4741, 66.2966



66.7677, 59.4741, 100.4990



72.2077, 59.4741, 63.2418

Sweetspot

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



47.3948, 59.4767, 38.6888



86.4592, 95.9730, 90.3489



51.8654, 53.4936, 37.2983



18.2251, 20.4104, 18.7424



0.0000, 0.0000, 0.0000



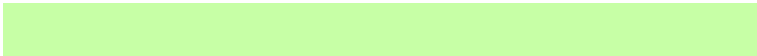
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3948, 59.4767, 38.6888



66.1350, 86.3864, 49.1448



43.2755, 57.2825, 41.6840



12.6932, 14.1180, 13.2168



16.6085, 30.1383, 4.9419



1.0917, 1.8642, 0.3023

Inverse Universe

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



44.8541, 38.3895, 68.6674



61.7326, 49.9145, 100.9885



50.1960, 41.2478, 64.2009



12.4858, 12.3918, 15.6713



13.4572, 6.0899, 38.9194



0.9017, 0.4137, 2.3516

Previews

White Background



This preview shows how the XYZ color 47.3933, 59.4741, 38.6875 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 47.3933, 59.4741, 38.6875 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 47.3933, 59.4741, 38.6875

Background



This preview shows how black text looks on a background with the XYZ color 47.3933, 59.4741, 38.6875.



This preview shows how white text looks on a background with the XYZ color 47.3933, 59.4741,

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

47.3933, 59.4741, 38.6875

Protanopia

55.0023, 59.0994, 36.1121

Deuteranopia

60.2176, 58.9884, 39.6646



Tritanopia

55.1322, 59.3222, 76.9512

Trichromacy



Original Color

47.3933, 59.4741, 38.6875

Protanomaly

51.8532, 58.8691, 37.0637

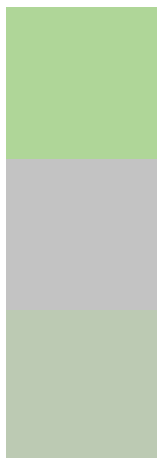
Deuteranomaly

54.5346, 58.4360, 39.4153

Tritanomaly

51.8111, 59.0424, 60.8901

Monochromacy



Original Color

47.3933, 59.4741, 38.6875

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

49.9963, 56.1871, 50.8579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3933, 59.4741, 38.6875 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(175, 214, 152)` looks like.

```
.text, #text, p{  
    color:rgb(175, 214, 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(175, 214, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 214, 152) }
```

Border

The CSS property to change the border of an element to XYZ 47.3933, 59.4741, 38.6875 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(175, 214, 152) }
```


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

```
.border{ border-color:rgb(175, 214, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 214, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 214, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 214, 152);  
box-shadow:4px 4px 4px 4px rgb(175, 214,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3933, 59.4741, 38.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 214, 152) }
```

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

```
.background{ background-color: rgb(175,  
214, 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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