

Converting Colors

XYZ(47.7193, 50.6859, 49.3878)

Have a look what the booklet for
XYZ(47.7193, 50.6859, 49.3878)
contains.

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Color

**XYZ(47.7193, 50.6859,
49.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDB2
RGB	191, 189, 178
RGB Percent	75%, 74%, 70%
CMY	0.2510, 0.2588, 0.3020
CMYK	0.00, 0.01, 0.07, 0.25
HSL	51°, 9%, 72%
HSV	51°, 7%, 75%
XYZ	47.7193, 50.6859, 49.3878
YIQ	188.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

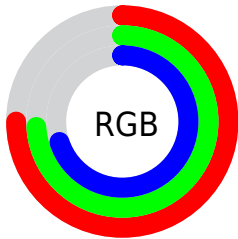
Format	Color
R_{YB}	180, 191, 178
Decimal	12565938
CIE Lab	76.49, -1.26, 5.79
CIE LCh	76, 5.931, 102.288
Yxy	50.6859, 0.3229, 0.3430
Android (android.graphics.Color)	4290756018 (0xFFFBDB2)
YUV	188.3440, -5.0996, 2.3293
Hunter-Lab	71.1940, -4.9462, 8.7059

Details

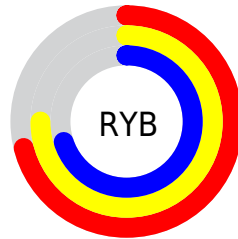
The XYZ color **47.7193, 50.6859, 49.3878** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0853, 45.8683, 55.8206**, and the grayscale version is **48.0229, 50.5239, 55.0205**.

A 20% lighter version of the original color is **85.8615, 91.0195, 90.8850**, and **22.9871, 24.4923, 22.9180** is the 20% darker color. If you saturate the color by 10%, you get **45.3096, 48.7244, 39.7727**, and if you desaturate by 10%, it is **50.4117, 52.7842, 60.4158**.

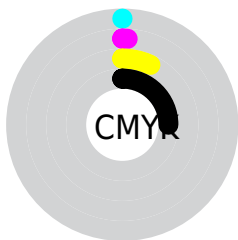
Distribution



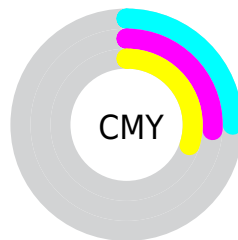
- Red (75%)
- Green (74%)
- Blue (70%)



- Red (71%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (25%)



- Cyan (25%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7193, 50.6859, 49.3878 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 47.7193, 50.6859, 49.3878 by changing the saturation by 10% instead.

■ 47.7193, 50.6859,
49.3878

■ 47.7193, 50.6859,
49.3878

368.2796,
389.3422, 400.9333

■ 33.8150, 35.9587,
34.5594

■ 85.9985, 91.1903,
90.6541

■ 22.9137, 24.4023,
23.0429

111.1042,
117.7363, 117.9291

■ 14.6501, 15.6323,
14.4196

140.6743,
148.9907, 150.1901

■ 8.6589, 9.2643,
8.2710

175.0743,
185.3379, 187.8555

■ 4.5747, 4.9140,
4.1786

214.6694,
227.1622, 231.3441

■ 2.0321, 2.1969,
1.7238

259.8251,

■ 0.6519, 0.7183,

274.8481, 281.0742

0.3770

310.9067,
328.7800, 337.4644

■ 0.0000, 0.0000,
0.0000

■ 47.7193, 50.6859,
49.3878

■ 47.7193, 50.6859,
49.3878

■ 45.3096, 48.7244,
39.7727

■ 50.4117, 52.7842,
60.4158

■ 43.1672, 46.8884,
31.5094

■ 53.3929, 55.0169,
72.9077

■ 41.2819, 45.1755,
24.5372

■ 56.6742, 57.3904,
86.9164

■ 39.6408, 43.5802,
18.7895

■ 60.2651, 59.9084,
102.4908

■ 38.2301, 42.0972,
14.1936

■ 61.0503, 61.3250,
103.2270

■ 37.0345, 40.7199,
10.6694

■ 61.7525, 62.7294,
103.4610

■ 36.0368, 39.4415,
8.1263

■ 62.4679, 64.1602,
103.6995

■ 35.2168, 38.2537,
6.4587

■ 63.1966, 65.6175,
103.9424

■ 34.5474, 37.1456,
5.5242

■ 63.9386, 67.1015,
104.1897

Harmonies

Analogous

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



48.8325, 50.6859, 49.5280



47.7193, 50.6859, 49.3878



46.7432, 50.6859, 50.7573

Triad

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



47.7193, 50.6859, 49.3878



46.6023, 50.6859, 59.4360



50.2527, 50.6859, 57.0830

Complementary

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



47.7193, 50.6859, 49.3878



44.0853, 45.8683, 55.8206

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.



49.6366, 50.6859, 59.8700



47.7193, 50.6859, 49.3878



47.5243, 50.6859, 61.2643

Square

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



47.7193, 50.6859, 49.3878



46.1050, 50.6859, 56.5092



48.6345, 50.6859, 61.4261



50.3069, 50.6859, 53.8882

Rectangle

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



47.7193, 50.6859, 49.3878



46.2970, 50.6859, 52.3741



48.6345, 50.6859, 61.4261



50.1040, 50.6859, 58.1016

Sweetspot

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



47.7207, 50.6881, 49.3889



87.7046, 92.5442, 97.5624



45.6621, 46.2200, 49.7845



19.2698, 20.3302, 21.4677



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.7207, 50.6881, 49.3889



84.8687, 90.3040, 86.0378



47.0793, 50.9993, 49.4828



10.1941, 10.8641, 10.1363



22.6209, 24.2807, 3.4944



0.9203, 1.0196, 0.1483

Inverse Universe

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



44.0853, 45.8683, 55.8206



77.1629, 80.0879, 99.6707



44.6953, 45.5889, 55.7345



9.1316, 9.4556, 12.0160



6.5125, 3.1368, 32.6551



0.2931, 0.1988, 1.2918

Previews

White Background



This preview shows how the XYZ color 47.7193, 50.6859, 49.3878 looks on a white background.

Color Contrast Check

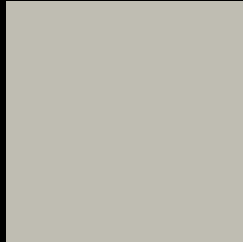
Large Text (above 18pt) WCAG AA × Fail

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 47.7193, 50.6859, 49.3878 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

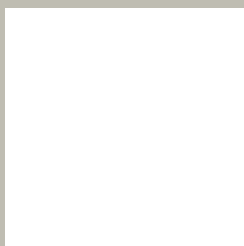
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7193, 50.6859, 49.3878

Background



This preview shows how black text looks on a background with the XYZ color 47.7193, 50.6859, 49.3878.



This preview shows how white text looks on a background with the XYZ color 47.7193, 50.6859,

49.3878.

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

47.7193, 50.6859, 49.3878

Protanopia

48.4247, 50.7429, 48.8371

Deuteranopia

51.4430, 50.4122, 49.6670



Tritanopia

50.2324, 50.7573, 61.7932

Trichromacy



Original Color

47.7193, 50.6859, 49.3878

Protanomaly

48.1672, 50.6101, 48.8250

Deuteranomaly

50.1142, 50.6491, 49.7828

Tritanomaly

49.2771, 50.6839, 57.0550

Monochromacy



Original Color

47.7193, 50.6859, 49.3878

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6212, 50.2459, 52.5359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7193, 50.6859, 49.3878 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(191, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 178)  
}
```

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(191, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 178) }
```

Border

The CSS property to change the border of an element to XYZ 47.7193, 50.6859, 49.3878 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(191, 189, 178) }
```


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

```
.border{ border-color:rgb(191, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7193, 50.6859, 49.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 178) }
```

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

```
.background{ background-color: rgb(191,  
189, 178) }
```

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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