

Converting Colors

XYZ(48.3248, 47.7180, 54.1692)

Have a look what the booklet for
XYZ(48.3248, 47.7180, 54.1692)
contains.

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Color

**XYZ(48.4859, 47.8768,
54.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B3BC
RGB	198, 179, 188
RGB Percent	78%, 70%, 74%
CMY	0.2235, 0.2980, 0.2627
CMYK	0.00, 0.10, 0.05, 0.22
HSL	332°, 14%, 74%
HSV	332°, 10%, 78%
XYZ	48.4859, 47.8768, 54.2626
YIQ	185.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

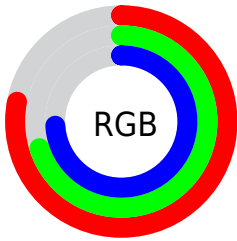
Format	Color
R _Y B	198, 179, 188
Decimal	13022140
CIE Lab	74.75, 8.36, -2.11
CIE LCh	75, 8.621, 345.864
Yxy	47.8768, 0.3219, 0.3179
Android (android.graphics.Color)	4291212220 (0xFFC6B3BC)
YUV	185.7070, 1.1304, 10.7810
Hunter-Lab	69.1931, 3.9931, 1.9387

Details

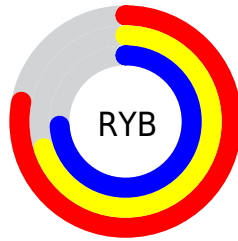
The XYZ color **48.4859, 47.8768, 54.2626** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9716, 53.6473, 55.9733**, and the grayscale version is **46.4999, 48.9215, 53.2756**.

A 20% lighter version of the original color is **87.2775, 87.2083, 97.8208**, and **23.3356, 22.6003, 26.0540** is the 20% darker color. If you saturate the color by 10%, you get **43.7159, 40.0701, 47.3280**, and if you desaturate by 10%, it is **53.9096, 56.8598, 61.8167**.

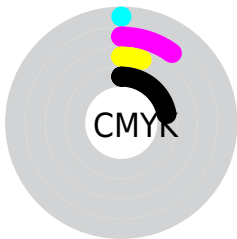
Distribution



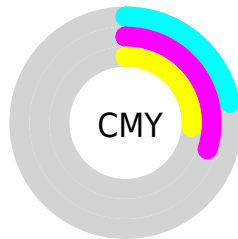
- Red (78%)
- Green (70%)
- Blue (74%)



- Red (78%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4859, 47.8768, 54.2626 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 48.4859, 47.8768, 54.2626 by changing the saturation by 10% instead.


 48.4859, 47.8768,
54.2626

 48.4859, 47.8768,
54.2626


371.2655,
378.3036, 420.3135

 34.4247, 33.7293,
38.4170

 87.1327, 87.0209,
97.9200

 23.3845, 22.6857,
26.0022

112.4491,
112.7864, 126.5689

 14.9999, 14.3616,
16.5995


142.2479,
143.1933, 160.3227

 8.9056, 8.3726,
9.7904

176.8944,
178.6261, 199.5999

 4.7363, 4.3343,
5.1564

216.7541,
219.4691, 244.8190

 2.1265, 1.8623,
2.2790

262.1923,

 0.7036, 0.5255,

266.1068, 296.3986

0.7194

313.5743,
318.9235, 354.7573

■ 0.0000, 0.0000,
0.0000

■ 48.4859, 47.8768,
54.2626

■ 48.4859, 47.8768,
54.2626

■ 43.7159, 40.0701,
47.3280

■ 53.9096, 56.8598,
61.8167

■ 39.5697, 33.3843,
40.9928

■ 60.0073, 67.0589,
70.0034

■ 36.0209, 27.7691,
35.2400

■ 66.8034, 78.5198,
78.8394

■ 33.0398, 23.1677,
30.0509

■ 73.2889, 89.2219,
87.9960

■ 30.5938, 19.5182,
25.4051

■ 74.7944, 89.8241,
95.9242

■ 28.6469, 16.7516,
21.2811

■ 76.3890, 90.4619,
104.3211

■ 27.1583, 14.7896,
17.6551

■ 77.0990, 90.7459,
108.0599

■ 26.0801, 13.5399,
14.5006

■ 25.3268, 12.8350,
11.7780

Harmonies

Analogous

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



47.6991, 47.8768, 58.3633



48.4859, 47.8768, 54.2626



48.4614, 47.8768, 49.8096

Triad

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



48.4859, 47.8768, 54.2626



44.6880, 47.8768, 44.2726



43.4423, 47.8768, 58.5617

Complementary

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



48.4859, 47.8768, 54.2626



47.9716, 53.6473, 55.9733

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.



42.6722, 47.8768, 54.5208



48.4859, 47.8768, 54.2626



43.3801, 47.8768, 46.3565

Square

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



48.4859, 47.8768, 54.2626



46.2442, 47.8768, 44.2123



42.6497, 47.8768, 50.0534



44.7746, 47.8768, 60.9400

Rectangle

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



48.4859, 47.8768, 54.2626



47.9876, 47.8768, 47.2426



42.6497, 47.8768, 50.0534



43.1104, 47.8768, 57.3427

Sweetspot

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



48.4873, 47.8789, 54.2636



92.0162, 94.9591, 104.7236



47.2557, 47.1151, 60.0302



19.5257, 20.0440, 22.1800



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.



48.4873, 47.8789, 54.2636



83.5673, 81.0122, 92.8101



47.6107, 47.6299, 49.3345



10.8395, 10.7192, 12.1380



16.4951, 8.3476, 7.8168



0.8176, 0.4099, 0.5625

Inverse Universe

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



48.4873, 47.8789, 54.2636



83.5673, 81.0122, 92.8101



48.9067, 53.9056, 61.2539



10.8395, 10.7192, 12.1380



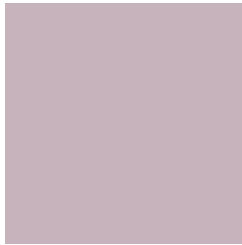
16.4951, 8.3476, 7.8168



0.8176, 0.4099, 0.5625

Previews

White Background



This preview shows how the XYZ color 48.4859, 47.8768, 54.2626 looks on a white background.

Color Contrast Check

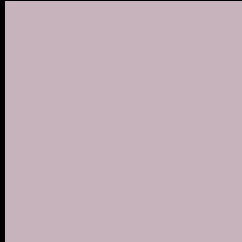
Large Text (above 18pt) WCAG AA × Fail

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 48.4859, 47.8768, 54.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

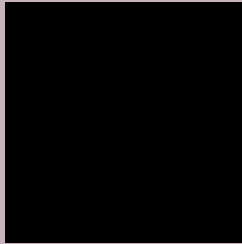
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4859, 47.8768, 54.2626

Background



This preview shows how black text looks on a background with the XYZ color 48.4859, 47.8768, 54.2626.



This preview shows how white text looks on a background with the XYZ color 48.4859, 47.8768,

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

48.4859, 47.8768, 54.2626

Protanopia

46.2353, 47.8990, 55.5238

Deuteranopia

48.8169, 47.7510, 54.2209



Tritanopia

48.9880, 47.7887, 56.5114

Trichromacy



Original Color

48.4859, 47.8768, 54.2626

Protanomaly

47.1485, 48.0772, 54.9389

Deuteranomaly

48.5507, 47.6137, 54.2084

Tritanomaly

48.8776, 47.7445, 55.9297

Monochromacy



Original Color

48.4859, 47.8768, 54.2626

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1383, 48.4020, 53.8718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4859, 47.8768, 54.2626 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(198, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 188)  
}
```

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(198, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 188) }
```

Border

The CSS property to change the border of an element to XYZ 48.4859, 47.8768, 54.2626 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(198, 179, 188) }
```


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

```
.border{ border-color:rgb(198, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4859, 47.8768, 54.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 188) }
```

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

```
.background{ background-color: rgb(198,  
179, 188) }
```

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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