

Converting Colors

XYZ(52.0290, 48.4467, 54.7274)

Have a look what the booklet for
XYZ(52.0290, 48.4467, 54.7274)
contains.

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Color

**XYZ(51.9559, 48.4802,
54.7634)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AFBD
RGB	213, 175, 189
RGB Percent	84%, 69%, 74%
CMY	0.1647, 0.3137, 0.2588
CMYK	0.00, 0.18, 0.11, 0.16
HSL	338°, 31%, 76%
HSV	338°, 18%, 84%
XYZ	51.9559, 48.4802, 54.7634
YIQ	187.9580, 18.1540, 12.4100

Conversions

Conversions Part 2

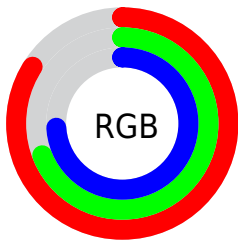
Format	Color
R _{YB}	213, 175, 189
Decimal	14004157
CIE Lab	75.13, 16.04, -1.94
CIE LCh	75, 16.152, 353.112
Yxy	48.4802, 0.3348, 0.3124
Android (android.graphics.Color)	4292194237 (0xFFD5AFBD)
YUV	187.9580, 0.5137, 21.9618
Hunter-Lab	69.6277, 11.3474, 2.1068

Details

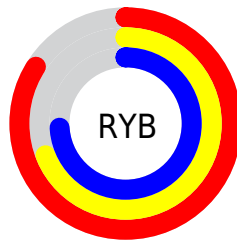
The XYZ color **51.9559, 48.4802, 54.7634** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7842, 60.8273, 63.0473**, and the grayscale version is **47.7672, 50.2548, 54.7275**.

A 20% lighter version of the original color is **86.2973, 85.0044, 98.2453**, and **25.5040, 22.9657, 26.3812** is the 20% darker color. If you saturate the color by 10%, you get **46.7396, 40.2769, 46.1506**, and if you desaturate by 10%, it is **57.9644, 58.0498, 64.3098**.

Distribution



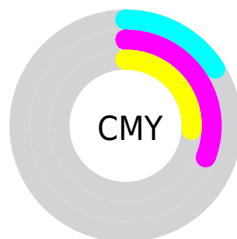
- Red (84%)
- Green (69%)
- Blue (74%)



- Red (84%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9559, 48.4802, 54.7634 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 51.9559, 48.4802, 54.7634 by changing the saturation by 10% instead.


 51.9559, 48.4802,
54.7634

 51.9559, 48.4802,
54.7634


384.5931,
380.6924, 422.2711

 37.1941, 34.2073,
38.8150

 92.2408, 87.9189,
98.6619

 25.5321, 23.0529,
26.3091


118.4946,
113.8536, 127.4491

 16.6048, 14.6326,
16.8272

149.3097,
144.4443, 161.3529

 10.0467, 8.5619,
9.9507

185.0515,
180.0755, 200.7919

 5.4924, 4.4566,
5.2611

226.0854,
221.1314, 246.1847

 2.5767, 1.9321,
2.3399

272.7768,

 0.9341, 0.5676,

267.9967, 297.9498

0.7534

325.4909,
321.0555, 356.5058

■ 0.0000, 0.0000,
0.0000

■ 51.9559, 48.4802,
54.7634

■ 51.9559, 48.4802,
54.7634

■ 46.7396, 40.2769,
46.1506

■ 57.9644, 58.0498,
64.3098

■ 42.2770, 33.3708,
38.4389

■ 64.7930, 69.0378,
74.8149

■ 38.5328, 27.6965,
31.5981

■ 72.4733, 81.5013,
86.3065

■ 35.4668, 23.1802,
25.5951

■ 79.3509, 92.1263,
98.2493

■ 33.0349, 19.7403,
20.3943

■ 81.2509, 92.8863,
108.2542

■ 31.1872, 17.2843,
15.9573

■ 29.8657, 15.7039,
12.2415

■ 28.9900, 14.8459,
9.1950

■ 28.8326, 14.7030,
8.6131

Harmonies

Analogous

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



50.7766, 48.4802, 63.1742



51.9559, 48.4802, 54.7634



51.5074, 48.4802, 46.6509

Triad

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



51.9559, 48.4802, 54.7634



43.8835, 48.4802, 39.1846



42.7504, 48.4802, 66.9073

Complementary

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



51.9559, 48.4802, 54.7634



51.7842, 60.8273, 63.0473

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.



41.0460, 48.4802, 59.4382



51.9559, 48.4802, 54.7634



41.6804, 48.4802, 43.6052

Square

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



51.9559, 48.4802, 54.7634



46.7641, 48.4802, 38.2178



40.6628, 48.4802, 50.8581



45.4006, 48.4802, 70.6546

Rectangle

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



51.9559, 48.4802, 54.7634



50.3546, 48.4802, 42.4241



40.6628, 48.4802, 50.8581



42.0525, 48.4802, 64.7126

Sweetspot

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



51.9573, 48.4824, 54.7644



89.8469, 91.6253, 100.9025



50.7451, 47.5311, 69.4514



19.0799, 19.3692, 21.3631



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.



51.9573, 48.4824, 54.7644



75.3063, 68.4732, 77.7770



51.3872, 49.6576, 47.4365



12.6105, 12.4957, 13.8891



17.6573, 8.9992, 5.4994



1.1043, 0.5585, 0.5386

Inverse Universe

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



51.9573, 48.4824, 54.7644



75.3063, 68.4732, 77.7770



52.3854, 59.3080, 71.6381



12.6105, 12.4957, 13.8891



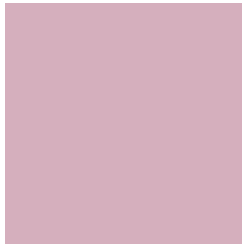
17.6573, 8.9992, 5.4994



1.1043, 0.5585, 0.5386

Previews

White Background



This preview shows how the XYZ color 51.9559, 48.4802, 54.7634 looks on a white background.

Color Contrast Check

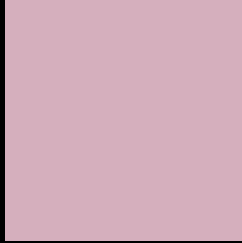
Large Text (above 18pt) WCAG AA × Fail

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 51.9559, 48.4802, 54.7634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

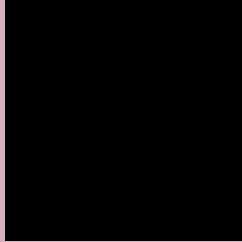
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9559, 48.4802, 54.7634

Background



This preview shows how black text looks on a background with the XYZ color 51.9559, 48.4802, 54.7634.



This preview shows how white text looks on a background with the XYZ color 51.9559, 48.4802,

54.7634.

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

51.9559, 48.4802, 54.7634

Protanopia

47.1278, 48.6151, 57.9387

Deuteranopia

49.5543, 48.4276, 54.3126



Tritanopia

51.9559, 48.4802, 54.7634

Trichromacy



Original Color

51.9559, 48.4802, 54.7634

Protanomaly

48.8033, 48.5893, 56.6756

Deuteranomaly

50.4511, 48.5934, 54.2974

Tritanomaly

51.9559, 48.4802, 54.7634

Monochromacy



Original Color

51.9559, 48.4802, 54.7634

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.0365, 49.3681, 54.5215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9559, 48.4802, 54.7634 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(213, 175, 189) looks like.

```
.text, #text, p{  
    color:rgb(213, 175, 189)  
}
```

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(213, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 51.9559, 48.4802, 54.7634 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(213, 175, 189) }
```


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

```
.border{ border-color:rgb(213, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(213, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9559, 48.4802, 54.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 175, 189) }
```

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

```
.background{ background-color: rgb(213,  
175, 189) }
```

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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