

Converting Colors

XYZ(49.1593, 43.2122, 58.6422)

Have a look what the booklet for
XYZ(49.1593, 43.2122, 58.6422)
contains.

XYZ(49.1174, 43.0763, 58.5491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.1174, 43.0763,
58.5491)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A1C5
RGB	209, 161, 197
RGB Percent	82%, 63%, 77%
CMY	0.1804, 0.3686, 0.2274
CMYK	0.00, 0.23, 0.06, 0.18
HSL	315°, 34%, 73%
HSV	315°, 23%, 82%
XYZ	49.1174, 43.0763, 58.5491
YIQ	179.4560, 17.0520, 21.3720

Conversions

Conversions Part 2

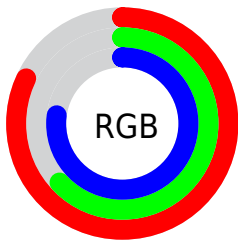
Format	Color
R _Y B	209, 161, 197
Decimal	13738437
CIE Lab	71.61, 23.62, -11.59
CIE LCh	72, 26.313, 333.867
Yxy	43.0763, 0.3258, 0.2858
Android (android.graphics.Color)	4291928517 (0xFFD1A1C5)
YUV	179.4560, 8.6492, 25.9101
Hunter-Lab	65.6325, 18.7270, -6.9483

Details

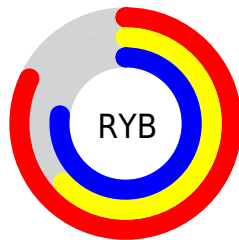
The XYZ color **49.1174, 43.0763, 58.5491** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.0430, 56.1963, 48.0107**, and the grayscale version is **43.0410, 45.2825, 49.3127**.

A 20% lighter version of the original color is **83.6853, 77.5275, 104.3195**, and **23.7530, 19.7905, 28.5546** is the 20% darker color. If you saturate the color by 10%, you get **45.1778, 36.1381, 54.3331**, and if you desaturate by 10%, it is **53.6908, 51.2475, 63.0797**.

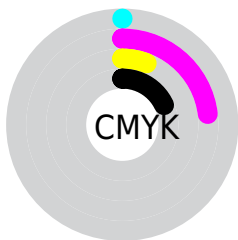
Distribution



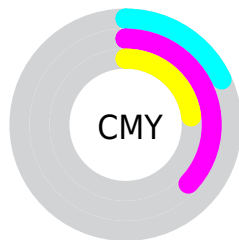
- Red (82%)
- Green (63%)
- Blue (77%)



- Red (82%)
- Yellow (63%)
- Blue (77%)



- Cyan (0%)
- Magenta (23%)
- Yellow (6%)
- Black (18%)





- Cyan (18%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1174, 43.0763, 58.5491 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 49.1174, 43.0763, 58.5491 by changing the saturation by 10% instead.


 49.1174, 43.0763,
58.5491


 49.1174, 43.0763,
58.5491


373.7136,
358.9255, 436.8842

 34.9275, 29.9450,
41.8326


 88.0655, 79.8260,
104.2447

 23.7733, 19.7968,
28.6457


 113.5544,
104.2131, 134.0609

 15.2894, 12.2474,
18.5697


143.5404,
133.1211, 169.0808

 9.1104, 6.9124,
11.1861

178.3888,
166.9341, 209.7229

 4.8709, 3.4074,
6.0764

218.4649,
206.0367, 256.4058

 2.2057, 1.3479,
2.8221

264.1342,

 0.7457, 0.1779,

250.8131, 309.5479

1.0045

315.7620,
301.6479, 369.5678

■ 0.0000, 0.0000,
0.0000

■ 49.1174, 43.0763,
58.5491

■ 49.1174, 43.0763,
58.5491

■ 45.1778, 36.1381,
54.3331

■ 53.6908, 51.2475,
63.0797

■ 41.8375, 30.3665,
50.4178

■ 58.9226, 60.7025,
67.9328

■ 39.0649, 25.6975,
46.7921

■ 64.8406, 71.4962,
73.1190

■ 36.8233, 22.0585,
43.4427

■ 71.4701, 83.6786,
78.6478

■ 35.0722, 19.3684,
40.3549

■ 75.3914, 90.4101,
83.3801

■ 33.7644, 17.5337,
37.5122

■ 76.1075, 90.6966,
87.1514

■ 32.8437, 16.4417,
34.8944

■ 76.8457, 90.9918,
91.0383

■ 32.3589, 15.9811,
33.1640

■ 77.6059, 91.2959,
95.0418

■ 78.3885, 91.6089,
99.1628

Harmonies

Analogous

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



45.8999, 43.0763, 70.3422



49.1174, 43.0763, 58.5491



50.0896, 43.0763, 45.2692

Triad

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



49.1174, 43.0763, 58.5491



40.3683, 43.0763, 26.4509



34.2392, 43.0763, 61.9313

Complementary

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



49.1174, 43.0763, 58.5491



45.0430, 56.1963, 48.0107

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.



32.9832, 43.0763, 48.5752



49.1174, 43.0763, 58.5491



36.3560, 43.0763, 29.3516

Square

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



49.1174, 43.0763, 58.5491



44.8295, 43.0763, 28.1588



33.7295, 43.0763, 36.9133



37.2874, 43.0763, 72.5301

Rectangle

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



49.1174, 43.0763, 58.5491



49.2791, 43.0763, 37.6676



33.7295, 43.0763, 36.9133



33.6038, 43.0763, 57.5360

Sweetspot

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



49.1187, 43.0782, 58.5500



88.9073, 88.8511, 103.3488



41.4890, 38.9797, 65.6594



18.9218, 18.8225, 22.0210



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.



49.1187, 43.0782, 58.5500



73.6053, 61.4981, 88.2255



46.5837, 42.0642, 45.2012



12.1792, 11.9564, 14.2197



19.9926, 9.8699, 20.6650



1.1486, 0.5641, 1.3172

Inverse Universe

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



49.1187, 43.0782, 58.5500



73.6053, 61.4981, 88.2255



47.5779, 57.2103, 61.3596



12.1792, 11.9564, 14.2197



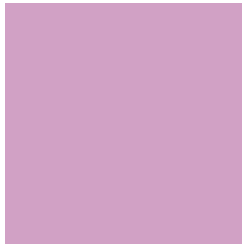
19.9926, 9.8699, 20.6650



1.1486, 0.5641, 1.3172

Previews

White Background



This preview shows how the XYZ color 49.1174, 43.0763, 58.5491 looks on a white background.

Color Contrast Check

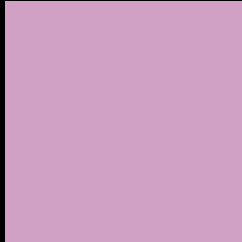
Large Text (above 18pt) WCAG AA × Fail

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 49.1174, 43.0763, 58.5491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

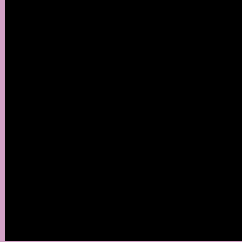
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1174, 43.0763, 58.5491

Background



This preview shows how black text looks on a background with the XYZ color 49.1174, 43.0763, 58.5491.



This preview shows how white text looks on a background with the XYZ color 49.1174, 43.0763,

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

49.1174, 43.0763, 58.5491

Protanopia

42.8542, 43.2744, 64.4867

Deuteranopia

44.1804, 43.2563, 57.6505



Tritanopia

46.6649, 42.8471, 47.4058

Trichromacy



Original Color

49.1174, 43.0763, 58.5491

Protanomaly

44.7346, 42.8781, 62.4184

Deuteranomaly

45.7748, 42.9604, 58.1041

Tritanomaly

47.4810, 42.9205, 51.1294

Monochromacy



Original Color

49.1174, 43.0763, 58.5491

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.8507, 43.9974, 52.5828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1174, 43.0763, 58.5491 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(209, 161, 197)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 197)  
}
```

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(209, 161, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 197) }
```

Border

The CSS property to change the border of an element to XYZ 49.1174, 43.0763, 58.5491 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(209, 161, 197) }
```


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

```
.border{ border-color:rgb(209, 161, 197) }
```

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

Here you see how a box with a 4 pixel rgb(209, 161, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 197);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1174, 43.0763, 58.5491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 197) }
```

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

```
.background{ background-color: rgb(209,  
161, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor