

Converting Colors

XYZ(47.0074, 43.9587, 54.1514)

Have a look what the booklet for
XYZ(47.0074, 43.9587, 54.1514)
contains.

XYZ(47.0074, 43.9587, 54.1514)	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(47.0074, 43.9587,
54.1514)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A8BD
RGB	200, 168, 189
RGB Percent	78%, 66%, 74%
CMY	0.2157, 0.3412, 0.2588
CMYK	0.00, 0.16, 0.06, 0.22
HSL	321°, 23%, 72%
HSV	321°, 16%, 78%
XYZ	47.0074, 43.9587, 54.1514
YIQ	179.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

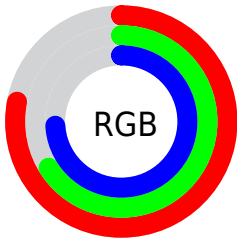
Format	Color
R _Y B	200, 168, 189
Decimal	13150397
CIE Lab	72.20, 15.23, -6.39
CIE LCh	72, 16.517, 337.251
Yxy	43.9587, 0.3239, 0.3029
Android (android.graphics.Color)	4291340477 (0xFFC8A8BD)
YUV	179.9620, 4.4557, 17.5733
Hunter-Lab	66.3014, 10.5284, -2.0139

Details

The XYZ color **47.0074, 43.9587, 54.1514** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9412, 52.8894, 50.4904**, and the grayscale version is **43.3353, 45.5921, 49.6498**.

A 20% lighter version of the original color is **84.1091, 80.6279, 97.5159**, and **22.5434, 20.3793, 26.0380** is the 20% darker color. If you saturate the color by 10%, you get **42.8668, 36.8433, 49.1759**, and if you desaturate by 10%, it is **51.7538, 52.2279, 59.5044**.

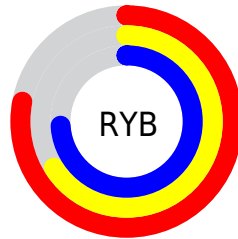
Distribution



Red (78%)

Green (66%)

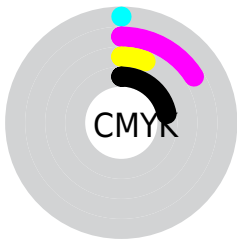
Blue (74%)



Red (78%)

Yellow (66%)

Blue (74%)

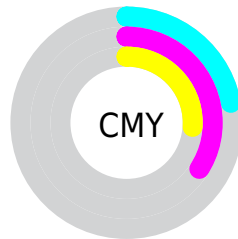


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (22%)



Cyan (22%)


Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0074, 43.9587, 54.1514 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 47.0074, 43.9587, 54.1514 by changing the saturation by 10% instead.


 47.0074, 43.9587,
54.1514


 47.0074, 43.9587,
54.1514


365.4925,
362.5397, 419.8780

 33.2495, 30.6380,
38.3287


 84.9433, 81.1556,
97.7551

 22.4778, 20.3234,
25.9341


 109.8521,
105.8006, 126.3733

 14.3269, 12.6303,
16.5490


139.2085,
134.9892, 160.0937

 8.4316, 7.1745,
9.7549

173.3778,
169.1058, 199.3348

 4.4265, 3.5715,
5.1333

212.7256,
208.5347, 244.5153

 1.9461, 1.4369,
2.2656

257.6170,

 0.6034, 0.2437,

253.6604, 296.0536

0.7118

308.4175,
304.8673, 354.3684

■ 0.0000, 0.0000,
0.0000

■ 47.0074, 43.9587,
54.1514

■ 47.0074, 43.9587,
54.1514

■ 42.8668, 36.8433,
49.1759

■ 51.7538, 52.2279,
59.5044

■ 39.3019, 30.8239,
44.5641

■ 57.1269, 61.6936,
65.2428

■ 36.2855, 25.8466,
40.3048

■ 63.1512, 72.4037,
71.3775

■ 33.7868, 21.8504,
36.3854

■ 69.8488, 84.4015,
77.9181

■ 31.7718, 18.7681,
32.7919

■ 72.9505, 89.1478,
83.4438

■ 30.2021, 16.5238,
29.5090

■ 73.8988, 89.5272,
88.4376

■ 29.0331, 15.0294,
26.5192

■ 74.8853, 89.9217,
93.6321

■ 28.2093, 14.1743,
23.8010

■ 75.9102, 90.3317,
99.0296

■ 27.9330, 13.9248,
22.7744

■ 76.9742, 90.7573,
104.6323

Harmonies

Analogous

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



45.1652, 43.9587, 61.3822



47.0074, 43.9587, 54.1514



47.4198, 43.9587, 45.9220

Triad

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



47.0074, 43.9587, 54.1514



41.0979, 43.9587, 33.9993



37.5949, 43.9587, 57.9382

Complementary

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



47.0074, 43.9587, 54.1514



44.9412, 52.8894, 50.4904

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.



36.6087, 43.9587, 49.8591



47.0074, 43.9587, 54.1514



38.5710, 43.9587, 36.4915

Square

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



47.0074, 43.9587, 54.1514



43.9229, 43.9587, 34.8733



36.9579, 43.9587, 42.0823



39.7108, 43.9587, 63.7352

Rectangle

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



47.0074, 43.9587, 54.1514



46.8121, 43.9587, 41.0716



36.9579, 43.9587, 42.0823



37.1247, 43.9587, 55.3658

Sweetspot

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



47.0087, 43.9606, 54.1523



90.4188, 91.8541, 103.9143



42.9432, 41.7215, 60.4342



19.2189, 19.4247, 22.0949



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.



47.0087, 43.9606, 54.1523



78.9270, 71.8611, 90.8642



45.3988, 43.3167, 45.6747



10.9222, 10.7523, 12.5735



17.8040, 8.8712, 14.7094



0.8761, 0.4333, 0.8707

Inverse Universe

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



47.0087, 43.9606, 54.1523



78.9270, 71.8611, 90.8642



46.6169, 53.5597, 59.3146



10.9222, 10.7523, 12.5735



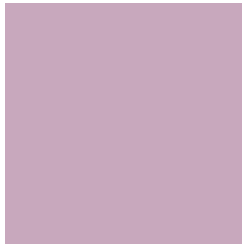
17.8040, 8.8712, 14.7094



0.8761, 0.4333, 0.8707

Previews

White Background



This preview shows how the XYZ color 47.0074, 43.9587, 54.1514 looks on a white background.

Color Contrast Check

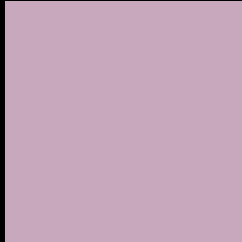
Large Text (above 18pt) WCAG AA × Fail

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 47.0074, 43.9587, 54.1514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

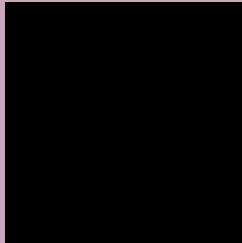
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0074, 43.9587, 54.1514

Background



This preview shows how black text looks on a background with the XYZ color 47.0074, 43.9587, 54.1514.



This preview shows how white text looks on a background with the XYZ color 47.0074, 43.9587,

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

47.0074, 43.9587, 54.1514

Protanopia

42.9421, 44.0597, 57.2800

Deuteranopia

44.8159, 43.9547, 53.6990



Tritanopia

46.1847, 43.8954, 50.2944

Trichromacy



Original Color

47.0074, 43.9587, 54.1514

Protanomaly

44.2252, 43.8833, 56.0086

Deuteranomaly

45.6323, 44.0941, 53.6829

Tritanomaly

46.4981, 44.0208, 51.9451

Monochromacy



Original Color

47.0074, 43.9587, 54.1514

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.5661, 45.0344, 51.1434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0074, 43.9587, 54.1514 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(200, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 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(200, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.0074, 43.9587, 54.1514 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(200, 168, 189) }
```


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

```
.border{ border-color:rgb(200, 168, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0074, 43.9587, 54.1514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 189) }
```

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

```
.background{ background-color: rgb(200,  
168, 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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