

Converting Colors

XYZ(53.1794, 47.3818, 66.8194)

Have a look what the booklet for
XYZ(53.1794, 47.3818, 66.8194)
contains.

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Color

**XYZ(53.0347, 47.3499,
66.6658)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AAD1
RGB	212, 170, 209
RGB Percent	83%, 67%, 82%
CMY	0.1686, 0.3333, 0.1804
CMYK	0.00, 0.20, 0.01, 0.17
HSL	304°, 33%, 75%
HSV	304°, 20%, 83%
XYZ	53.0347, 47.3499, 66.6658
YIQ	187.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

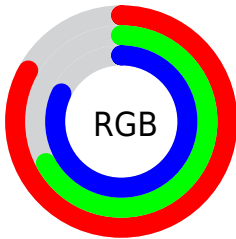
Format	Color
R _Y B	212, 170, 209
Decimal	13937361
CIE Lab	74.41, 21.92, -13.94
CIE LCh	74, 25.981, 327.540
Yxy	47.3499, 0.3175, 0.2834
Android (android.graphics.Color)	4292127441 (0xFFD4AAD1)
YUV	187.0040, 10.8440, 21.9215
Hunter-Lab	68.8113, 17.1551, -9.2735

Details

The XYZ color **53.0347, 47.3499, 66.6658** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.6657, 58.6515, 48.3463**, and the grayscale version is **47.1733, 49.6300, 54.0471**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **26.2995, 22.4915, 33.9655** is the 20% darker color. If you saturate the color by 10%, you get **49.1904, 39.9592, 64.4641**, and if you desaturate by 10%, it is **57.5245, 56.0272, 69.0926**.

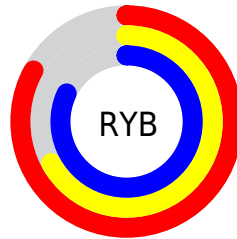
Distribution



Red (83%)

Green (67%)

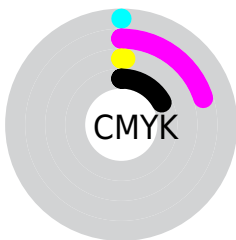
Blue (82%)



Red (83%)

Yellow (67%)

Blue (82%)

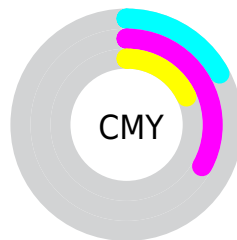


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0347, 47.3499, 66.6658 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 53.0347, 47.3499, 66.6658 by changing the saturation by 10% instead.


 53.0347, 47.3499,
66.6658

 53.0347, 47.3499,
66.6658


388.6769,
376.2095, 467.2233

 38.0581, 33.3123,
48.3532

 93.8207, 86.2357,
116.0775

 26.2052, 22.3658,
33.7447


 120.3607,
111.8527, 148.0137

 17.1107, 14.1260,
22.4218


151.4859,
142.0983, 185.3281

 10.4092, 8.2083,
13.9659

187.5616,
177.3570, 228.4394

 5.7355, 4.2285,
7.9584

228.9532,
218.0130, 277.7660

 2.7240, 1.8022,
3.9810

276.0261,

 1.0096, 0.4885,

264.4508, 333.7265

1.6149

329.1455,
317.0549, 396.7394

■ 0.0000, 0.0000,
0.3014

■ 0.0000, 0.0000,
0.0000

■ 53.0347, 47.3499,
66.6658

■ 53.0347, 47.3499,
66.6658

■ 49.1904, 39.9592,
64.4641

■ 57.5245, 56.0272,
69.0926

■ 45.9566, 33.7875,
62.4741

■ 62.6841, 66.0419,
71.7509

■ 43.3016, 28.7705,
60.6858

■ 68.5418, 77.4501,
74.6507

■ 41.1890, 24.8355,
59.0870

■ 75.1230, 90.3024,
77.8006

■ 39.5785, 21.9017,
57.6643

■ 75.3808, 90.5049,
78.8516

■ 38.4238, 19.8769,
56.4022

■ 75.5782, 90.5838,
79.8914

■ 37.6703, 18.6517,
55.2824

■ 75.7775, 90.6635,
80.9407

■ 37.2210, 18.0319,
54.2727

■ 75.9786, 90.7440,
81.9996

■ 37.2133, 18.0219,
54.2539

■ 76.1815, 90.8251,
83.0681

Harmonies

Analogous

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



49.2961, 47.3499, 77.9575



53.0347, 47.3499, 66.6658



54.6097, 47.3499, 52.6702

Triad

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



53.0347, 47.3499, 66.6658



45.3920, 47.3499, 29.8519



37.4861, 47.3499, 64.4173

Complementary

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



53.0347, 47.3499, 66.6658



47.6657, 58.6515, 48.3463

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.



36.5976, 47.3499, 50.4576



53.0347, 47.3499, 66.6658



40.9698, 47.3499, 31.9103

Square

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



53.0347, 47.3499, 66.6658



50.0105, 47.3499, 32.7205



37.8291, 47.3499, 38.9214



40.3446, 47.3499, 76.5092

Rectangle

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



53.0347, 47.3499, 66.6658



54.1443, 47.3499, 44.1707



37.8291, 47.3499, 38.9214



36.9561, 47.3499, 59.7218

Sweetspot

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



53.0361, 47.3520, 66.6668



90.1863, 90.5535, 106.4131



43.4498, 42.3667, 68.1758



19.1952, 19.1719, 22.7205



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.



53.0361, 47.3520, 66.6668



77.8413, 66.6962, 99.7304



50.6264, 46.3881, 53.9774



12.9130, 12.6167, 15.4818



22.9891, 11.1320, 33.5763



1.3983, 0.6761, 2.0869

Inverse Universe

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



53.0361, 47.3520, 66.6668



77.8413, 66.6962, 99.7304



49.8379, 59.5204, 59.7847



12.9130, 12.6167, 15.4818



22.9891, 11.1320, 33.5763



1.3983, 0.6761, 2.0869

Previews

White Background



This preview shows how the XYZ color 53.0347, 47.3499, 66.6658 looks on a white background.

Color Contrast Check

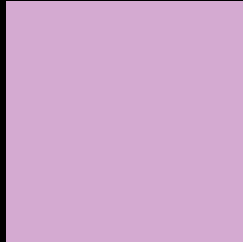
Large Text (above 18pt) WCAG AA × Fail

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 53.0347, 47.3499, 66.6658 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 53.0347, 47.3499, 66.6658

Background



This preview shows how black text looks on a background with the XYZ color 53.0347, 47.3499, 66.6658.



This preview shows how white text looks on a background with the XYZ color 53.0347, 47.3499,

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

53.0347, 47.3499, 66.6658

Protanopia

47.1568, 47.6958, 72.3664

Deuteranopia

48.6178, 47.6923, 65.6746



Tritanopia

50.4002, 47.4153, 53.5094

Trichromacy



Original Color

53.0347, 47.3499, 66.6658

Protanomaly

49.0443, 47.5146, 70.2047

Deuteranomaly

50.1992, 47.6105, 66.2185

Tritanomaly

51.3722, 47.5289, 58.0961

Monochromacy



Original Color

53.0347, 47.3499, 66.6658

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.1392, 48.7236, 58.4444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0347, 47.3499, 66.6658 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(212, 170, 209)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 209)  
}
```

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(212, 170, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 209) }
```

Border

The CSS property to change the border of an element to XYZ 53.0347, 47.3499, 66.6658 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(212, 170, 209) }
```


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

```
.border{ border-color:rgb(212, 170, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 170, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 170, 209); box-shadow:4px 4px 4px 4px rgb(212, 170, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0347, 47.3499, 66.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 209) }
```

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

```
.background{ background-color: rgb(212,  
170, 209) }
```

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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