

Converting Colors

XYZ(46.9294, 40.2277, 53.7029)

Have a look what the booklet for
XYZ(46.9294, 40.2277, 53.7029)
contains.

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Color

**XYZ(47.0354, 40.3406,
53.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	D19ABD
RGB	209, 154, 189
RGB Percent	82%, 60%, 74%
CMY	0.1804, 0.3961, 0.2588
CMYK	0.00, 0.26, 0.10, 0.18
HSL	322°, 37%, 71%
HSV	322°, 26%, 82%
XYZ	47.0354, 40.3406, 53.4516
YIQ	174.4350, 21.5450, 22.5450

Conversions

Conversions Part 2

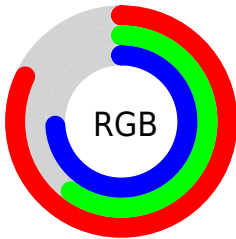
Format	Color
R _Y B	209, 154, 189
Decimal	13736637
CIE Lab	69.71, 26.04, -9.99
CIE LCh	70, 27.893, 339.005
Yxy	40.3406, 0.3340, 0.2865
Android (android.graphics.Color)	4291926717 (0xFFD19ABD)
YUV	174.4350, 7.1805, 30.3135
Hunter-Lab	63.5143, 21.0380, -5.4366

Details

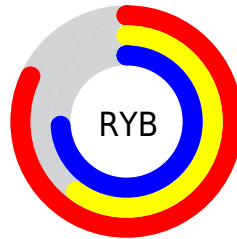
The XYZ color **47.0354, 40.3406, 53.4516** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.7685, 55.5281, 48.4580**, and the grayscale version is **40.4132, 42.5179, 46.3020**.

A 20% lighter version of the original color is **80.5219, 73.4535, 96.3202**, and **22.5217, 18.1503, 25.6089** is the 20% darker color. If you saturate the color by 10%, you get **43.0783, 33.7119, 48.1684**, and if you desaturate by 10%, it is **51.6387, 48.1914, 59.1645**.

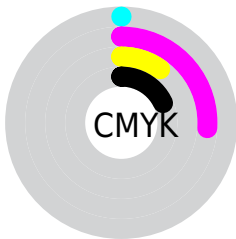
Distribution



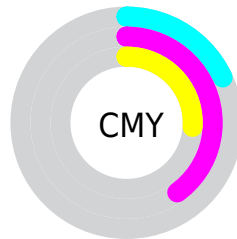
- Red (82%)
- Green (60%)
- Blue (74%)



- Red (82%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (26%)
- Yellow (10%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0354, 40.3406, 53.4516 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 47.0354, 40.3406, 53.4516 by changing the saturation by 10% instead.


 47.0354, 40.3406,
53.4516


 47.0354, 40.3406,
53.4516


365.6024,
347.5571, 417.1307

 33.2717, 27.8042,
37.7732


 84.9849, 75.6819,
96.7168

 22.4949, 18.1781,
25.5063


 109.9014, 99.2556,
125.1408

 14.3396, 11.0779,
16.2322

139.2662,
127.2771, 158.6503

 8.4405, 6.1193,
9.5325

173.4447,
160.1310, 197.6639

 4.4323, 2.9177,
4.9886

212.8022,
198.2015, 242.6002

 1.9495, 1.0889,
2.1819

257.7040,

 0.6053, 0.0000,

241.8731, 293.8778

0.6639

308.5157,
291.5302, 351.9151

■ 0.0000, 0.0000,
0.0000

■ 47.0354, 40.3406,
53.4516

■ 47.0354, 40.3406,
53.4516

■ 43.0783, 33.7119,
48.1684

■ 51.6387, 48.1914,
59.1645

■ 39.7320, 28.2372,
43.2984

■ 56.9141, 57.3167,
65.3175

■ 36.9632, 23.8503,
38.8277

■ 62.8905, 67.7728,
71.9237

■ 34.7336, 20.4758,
34.7402

■ 69.5938, 79.6106,
78.9949

■ 33.0001, 18.0288,
31.0180

■ 75.9204, 90.6217,
86.1661

■ 31.7126, 16.4102,
27.6408

■ 76.9931, 91.0508,
91.8145

■ 30.8079, 15.4945,
24.5840

■ 78.1126, 91.4986,
97.7099

■ 30.5281, 15.2488,
23.5229

■ 79.2796, 91.9654,
103.8553

■ 80.1048, 92.2955,
108.2006

Harmonies

Analogous

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



44.0723, 40.3406, 66.2252



47.0354, 40.3406, 53.4516



47.5755, 40.3406, 40.1451

Triad

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



47.0354, 40.3406, 53.4516



36.9993, 40.3406, 23.6538



31.9821, 40.3406, 61.5112

Complementary

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



47.0354, 40.3406, 53.4516



43.7685, 55.5281, 48.4580

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.



30.3888, 40.3406, 47.9330



47.0354, 40.3406, 53.4516



33.1323, 40.3406, 27.2927

Square

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



47.0354, 40.3406, 53.4516



41.5390, 40.3406, 24.5550



30.7927, 40.3406, 35.6018



35.3144, 40.3406, 71.4768

Rectangle

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



47.0354, 40.3406, 53.4516



46.4504, 40.3406, 32.9342



30.7927, 40.3406, 35.6018



31.2377, 40.3406, 57.1213

Sweetspot

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



47.0366, 40.3424, 53.4524



87.7123, 87.1992, 100.6749



40.3548, 36.6295, 65.2655



18.4959, 18.1817, 21.2286



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.



47.0366, 40.3424, 53.4524



69.8954, 56.7548, 78.7379



44.3954, 39.2859, 39.5441



12.1208, 11.9330, 13.9117



18.8713, 9.4214, 14.7602



1.0925, 0.5417, 1.0221

Inverse Universe

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



47.0366, 40.3424, 53.4524



69.8954, 56.7548, 78.7379



46.6415, 56.6773, 63.5868



12.1208, 11.9330, 13.9117



18.8713, 9.4214, 14.7602



1.0925, 0.5417, 1.0221

Previews

White Background



This preview shows how the XYZ color 47.0354, 40.3406, 53.4516 looks on a white background.

Color Contrast Check

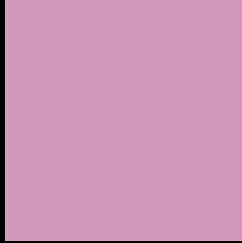
Large Text (above 18pt) WCAG AA × Fail

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 47.0354, 40.3406, 53.4516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

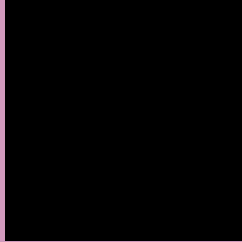
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0354, 40.3406, 53.4516

Background



This preview shows how black text looks on a background with the XYZ color 47.0354, 40.3406, 53.4516.



This preview shows how white text looks on a background with the XYZ color 47.0354, 40.3406,

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

47.0354, 40.3406, 53.4516

Protanopia

40.0138, 40.4988, 59.7409

Deuteranopia

41.4282, 40.5636, 52.6598



Tritanopia

45.0448, 40.2816, 43.4312

Trichromacy



Original Color

47.0354, 40.3406, 53.4516

Protanomaly

42.1818, 40.3148, 57.1881

Deuteranomaly

43.4833, 40.5479, 53.1117

Tritanomaly

45.8367, 40.3612, 46.9696

Monochromacy



Original Color

47.0354, 40.3406, 53.4516

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.4489, 41.4569, 48.4125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0354, 40.3406, 53.4516 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, 154, 189)` looks like.

```
.text, #text, p{  
    color:rgb(209, 154, 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(209, 154, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 154, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.0354, 40.3406, 53.4516 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, 154, 189) }
```


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

```
.border{ border-color:rgb(209, 154, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 154, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 154, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 154, 189);  
box-shadow:4px 4px 4px 4px rgb(209, 154,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0354, 40.3406, 53.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 154, 189) }
```

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

```
.background{ background-color: rgb(209,  
154, 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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