

Converting Colors

XYZ(47.2229, 39.7090, 54.6792)

Have a look what the booklet for
XYZ(47.2229, 39.7090, 54.6792)
contains.

XYZ(47.0489, 39.5964, 54.4533)	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(47.0489, 39.5964,
54.4533)**

Conversions

Conversions Part 1

Format	Color
Hex	D297BF
RGB	210, 151, 191
RGB Percent	82%, 59%, 75%
CMY	0.1765, 0.4078, 0.2510
CMYK	0.00, 0.28, 0.09, 0.18
HSL	319°, 40%, 71%
HSV	319°, 28%, 82%
XYZ	47.0489, 39.5964, 54.4533
YIQ	173.2010, 22.3240, 24.9480

Conversions

Conversions Part 2

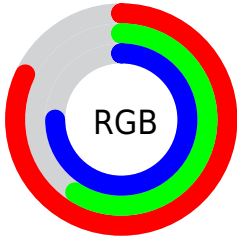
Format	Color
R _Y B	210, 151, 191
Decimal	13801407
CIE Lab	69.18, 28.36, -11.89
CIE LCh	69, 30.755, 337.262
Yxy	39.5964, 0.3334, 0.2806
Android (android.graphics.Color)	4291991487 (0xFFD297BF)
YUV	173.2010, 8.7749, 32.2727
Hunter-Lab	62.9257, 23.3428, -7.2592

Details

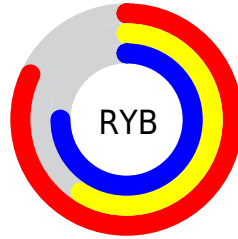
The XYZ color **47.0489, 39.5964, 54.4533** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.0664, 55.5759, 46.4900**, and the grayscale version is **39.7726, 41.8439, 45.5680**.

A 20% lighter version of the original color is **80.0998, 72.1180, 97.6941**, and **22.5669, 17.7272, 26.2770** is the 20% darker color. If you saturate the color by 10%, you get **43.2386, 33.1390, 49.5957**, and if you desaturate by 10%, it is **51.4979, 47.2750, 59.6943**.

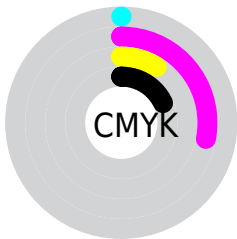
Distribution



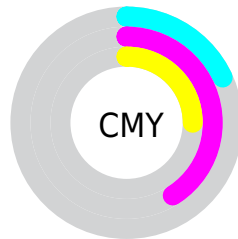
- Red (82%)
- Green (59%)
- Blue (75%)



- Red (82%)
- Yellow (59%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (9%)
- Black (18%)





- Cyan (18%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0489, 39.5964, 54.4533 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 47.0489, 39.5964, 54.4533 by changing the saturation by 10% instead.


 47.0489, 39.5964,
54.4533


 47.0489, 39.5964,
54.4533


365.6553,
344.4195, 421.0596

 33.2824, 27.2240,
38.5685


 85.0049, 74.5485,
98.2026

 22.5032, 17.7415,
26.1190


 109.9251, 97.8971,
126.9042

 14.3457, 10.7646,
16.6861


139.2940,
125.6731, 160.7152

 8.4448, 5.9088,
9.8514

173.4769,
158.2610, 200.0541

 4.4351, 2.7897,
5.1962

212.8391,
196.0452, 245.3395

 1.9511, 1.0229,
2.3021

257.7460,

 0.6063, 0.0000,

239.4101, 296.9898

0.7324

308.5630,
288.7401, 355.4237

■ 0.0000, 0.0000,
0.0000

■ 47.0489, 39.5964,
54.4533

■ 47.0489, 39.5964,
54.4533

■ 43.2386, 33.1390,
49.5957

■ 51.4979, 47.2750,
59.6943

■ 40.0310, 27.8333,
45.1058

■ 56.6122, 56.2289,
65.3284

■ 37.3919, 23.6112,
40.9706

■ 62.4208, 66.5152,
71.3680

■ 35.2822, 20.3951,
37.1744

■ 68.9504, 78.1862,
77.8239

■ 33.6574, 18.0968,
33.7001

■ 75.9043, 90.6480,
84.5996

■ 32.4654, 16.6128,
30.5279

■ 76.8445, 91.0242,
89.5510

■ 31.6300, 15.7919,
27.6299

■ 77.8218, 91.4150,
94.6970

■ 31.4889, 15.6659,
27.1008

■ 78.8364, 91.8209,
100.0397

■ 79.8887, 92.2418,
105.5813

Harmonies

Analogous

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



43.6566, 39.5964, 68.4631



47.0489, 39.5964, 54.4533



47.8180, 39.5964, 39.7799

Triad

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



47.0489, 39.5964, 54.4533



36.4524, 39.5964, 21.4403



30.5988, 39.5964, 61.6801

Complementary

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



47.0489, 39.5964, 54.4533



43.0664, 55.5759, 46.4900

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.



29.0115, 39.5964, 46.6288



47.0489, 39.5964, 54.4533



32.1946, 39.5964, 24.9500

Square

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



47.0489, 39.5964, 54.4533



41.4104, 39.5964, 22.6472



29.5692, 39.5964, 33.4690



34.0967, 39.5964, 73.2296

Rectangle

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



47.0489, 39.5964, 54.4533



46.6838, 39.5964, 31.8591



29.5692, 39.5964, 33.4690



29.8386, 39.5964, 56.7486

Sweetspot

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



47.0501, 39.5982, 54.4541



87.8440, 87.2519, 101.3686



39.2103, 35.2992, 65.7202



18.5292, 18.1950, 21.4038



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.



47.0501, 39.5982, 54.4541



69.1739, 54.9265, 79.6853



44.1517, 38.4388, 39.1913



12.1421, 11.9416, 14.0240



19.2552, 9.5749, 16.7821



1.1120, 0.5495, 1.1249

Inverse Universe

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



47.0501, 39.5982, 54.4541



69.1739, 54.9265, 79.6853



46.1405, 56.8056, 62.6783



12.1421, 11.9416, 14.0240



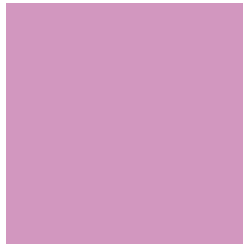
19.2552, 9.5749, 16.7821



1.1120, 0.5495, 1.1249

Previews

White Background



This preview shows how the XYZ color 47.0489, 39.5964, 54.4533 looks on a white background.

Color Contrast Check

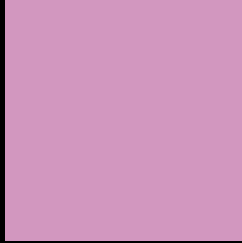
Large Text (above 18pt) WCAG AA × Fail

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 47.0489, 39.5964, 54.4533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

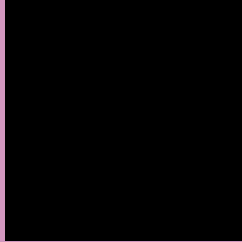
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0489, 39.5964, 54.4533

Background



This preview shows how black text looks on a background with the XYZ color 47.0489, 39.5964, 54.4533.



This preview shows how white text looks on a background with the XYZ color 47.0489, 39.5964,

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

47.0489, 39.5964, 54.4533

Protanopia

39.5636, 39.9509, 61.5032

Deuteranopia

40.6637, 39.8882, 53.1329



Tritanopia

44.4285, 39.4981, 41.8415

Trichromacy



Original Color

47.0489, 39.5964, 54.4533

Protanomaly

41.7038, 39.5016, 58.8526

Deuteranomaly

42.7424, 39.6346, 53.5416

Tritanomaly

45.4045, 39.6557, 46.3355

Monochromacy



Original Color

47.0489, 39.5964, 54.4533

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.9431, 40.6447, 48.8146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0489, 39.5964, 54.4533 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(210, 151, 191)` looks like.

```
.text, #text, p{  
    color:rgb(210, 151, 191)  
}
```

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(210, 151, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 151, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.0489, 39.5964, 54.4533 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(210, 151, 191) }
```


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

```
.border{ border-color:rgb(210, 151, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 151, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 151, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 151, 191);  
box-shadow:4px 4px 4px 4px rgb(210, 151,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0489, 39.5964, 54.4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 151, 191) }
```

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

```
.background{ background-color: rgb(210,  
151, 191) }
```

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