

Converting Colors

XYZ(47.0960, 40.3412, 56.8962)

Have a look what the booklet for
XYZ(47.0960, 40.3412, 56.8962)
contains.

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Color

**XYZ(47.1381, 40.3167,
56.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9AC3
RGB	207, 154, 195
RGB Percent	81%, 60%, 76%
CMY	0.1882, 0.3961, 0.2353
CMYK	0.00, 0.26, 0.06, 0.19
HSL	314°, 36%, 71%
HSV	314°, 26%, 81%
XYZ	47.1381, 40.3167, 56.9272
YIQ	174.5210, 18.4270, 23.9870

Conversions

Conversions Part 2

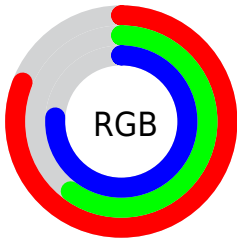
Format	Color
R _Y B	207, 154, 195
Decimal	13605571
CIE Lab	69.69, 26.40, -13.37
CIE LCh	70, 29.594, 333.140
Yxy	40.3167, 0.3265, 0.2792
Android (android.graphics.Color)	4291795651 (0xFFCF9AC3)
YUV	174.5210, 10.0961, 28.4841
Hunter-Lab	63.4954, 21.3988, -8.7100

Details

The XYZ color **47.1381, 40.3167, 56.9272** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.5239, 54.2502, 44.3089**, and the grayscale version is **40.4441, 42.5504, 46.3374**.

A 20% lighter version of the original color is **81.6112, 73.8892, 102.0561**, and **22.5080, 18.1012, 27.5069** is the 20% darker color. If you saturate the color by 10%, you get **43.4904, 33.8556, 53.1377**, and if you desaturate by 10%, it is **51.3940, 47.9663, 61.0024**.

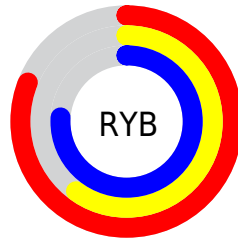
Distribution



Red (81%)

Green (60%)

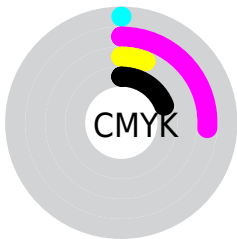
Blue (76%)



Red (81%)

Yellow (60%)

Blue (76%)

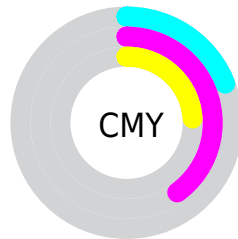


Cyan (0%)

Magenta (26%)

Yellow (6%)

Black (19%)



Cyan (19%)


Magenta (40%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1381, 40.3167, 56.9272 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 47.1381, 40.3167, 56.9272 by changing the saturation by 10% instead.


 47.1381, 40.3167,
56.9272

 47.1381, 40.3167,
56.9272


366.0052,
347.4566, 430.6626

 33.3532, 27.7856,
40.5378

 85.1372, 75.6455,
101.8582

 22.5577, 18.1641,
27.6412

 110.0822, 99.2120,
131.2370

 14.3862, 11.0678,
17.8187


139.4779,
127.2257, 165.7826

 8.4732, 6.1125,
10.6518

173.6897,
160.0711, 205.9136

 4.4536, 2.9136,
5.7220

213.0830,
198.1324, 252.0486

 1.9618, 1.0868,
2.6107

258.0231,

 0.6124, 0.0000,

241.7942, 304.6060

0.8980

308.8754,
291.4408, 364.0045

■ 0.0000, 0.0000,
0.0000

■ 47.1381, 40.3167,
56.9272

■ 47.1381, 40.3167,
56.9272

■ 43.4904, 33.8556,
53.1377

■ 51.3940, 47.9663,
61.0024

■ 40.4168, 28.5171,
49.6205

■ 56.2827, 56.8552,
65.3709

■ 37.8856, 24.2370,
46.3647

■ 61.8317, 67.0377,
70.0431

■ 35.8602, 20.9426,
43.3573

■ 68.0660, 78.5635,
75.0279

■ 34.2994, 18.5520,
40.5839

■ 74.2047, 89.8705,
80.0659

■ 33.1555, 16.9697,
38.0277

■ 74.8286, 90.1200,
83.3512

■ 32.3698, 16.0786,
35.6684

■ 75.4700, 90.3766,
86.7287

■ 32.0889, 15.8082,
34.6767

■ 76.1290, 90.6402,
90.1992

■ 76.8059, 90.9109,
93.7632

Harmonies

Analogous

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



43.5790, 40.3167, 69.8974



47.1381, 40.3167, 56.9272



48.2720, 40.3167, 42.4688

Triad

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



47.1381, 40.3167, 56.9272



37.8175, 40.3167, 22.4757



31.1133, 40.3167, 59.9558

Complementary

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



47.1381, 40.3167, 56.9272



42.5239, 54.2502, 44.3089

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.



29.8391, 40.3167, 45.3590



47.1381, 40.3167, 56.9272



33.5018, 40.3167, 25.3077

Square

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



47.1381, 40.3167, 56.9272



42.6337, 40.3167, 24.3199



30.6762, 40.3167, 33.0260



34.3072, 40.3167, 71.8864

Rectangle

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



47.1381, 40.3167, 56.9272



47.4288, 40.3167, 34.3262



30.6762, 40.3167, 33.0260



30.4589, 40.3167, 55.1018

Sweetspot

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



47.1393, 40.3185, 56.9281



88.1490, 87.3739, 102.9747



38.4376, 35.6695, 63.8914



18.6063, 18.2258, 21.8099



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.



47.1393, 40.3185, 56.9281



72.0562, 58.4113, 87.6742



44.4522, 39.2437, 42.7780



12.1915, 11.9613, 14.2841



20.2545, 9.9746, 22.0440



1.1613, 0.5692, 1.3841

Inverse Universe

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



47.1393, 40.3185, 56.9281



72.0562, 58.4113, 87.6742



45.1533, 55.3019, 58.1553



12.1915, 11.9613, 14.2841



20.2545, 9.9746, 22.0440



1.1613, 0.5692, 1.3841

Previews

White Background



This preview shows how the XYZ color 47.1381, 40.3167, 56.9272 looks on a white background.

Color Contrast Check

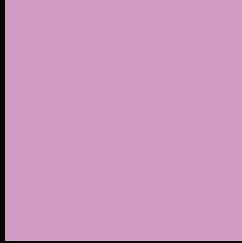
Large Text (above 18pt) WCAG AA × Fail

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 47.1381, 40.3167, 56.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

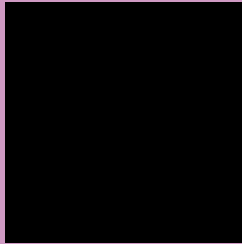
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1381, 40.3167, 56.9272

Background



This preview shows how black text looks on a background with the XYZ color 47.1381, 40.3167, 56.9272.



This preview shows how white text looks on a background with the XYZ color 47.1381, 40.3167,

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

47.1381, 40.3167, 56.9272

Protanopia

40.3117, 40.5702, 63.4638

Deuteranopia

41.3933, 40.4698, 56.0819



Tritanopia

44.4794, 40.2314, 43.9492

Trichromacy



Original Color

47.1381, 40.3167, 56.9272

Protanomaly

42.4085, 40.3517, 60.8118

Deuteranomaly

43.3970, 40.4271, 56.5549

Tritanomaly

45.4720, 40.3884, 48.5791

Monochromacy



Original Color

47.1381, 40.3167, 56.9272

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.7557, 41.5796, 50.0282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1381, 40.3167, 56.9272 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(207, 154, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 154, 195)  
}
```

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(207, 154, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 154, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.1381, 40.3167, 56.9272 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(207, 154, 195) }
```


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

```
.border{ border-color:rgb(207, 154, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 154, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 154, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 154, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 154,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1381, 40.3167, 56.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 154, 195) }
```

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

```
.background{ background-color: rgb(207,  
154, 195) }
```

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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