

Converting Colors

XYZ(41.9904, 38.4016, 47.3254)

Have a look what the booklet for
XYZ(41.9904, 38.4016, 47.3254)
contains.

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Color

**XYZ(41.9167, 38.3287,
47.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	C19CB2
RGB	193, 156, 178
RGB Percent	76%, 61%, 70%
CMY	0.2431, 0.3882, 0.3020
CMYK	0.00, 0.19, 0.08, 0.24
HSL	324°, 23%, 68%
HSV	324°, 19%, 76%
XYZ	41.9167, 38.3287, 47.3084
YIQ	169.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

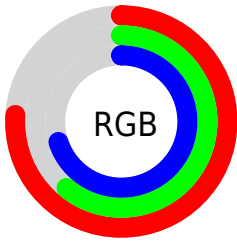
Format	Color
R_{YB}	193, 156, 178
Decimal	12688562
CIE Lab	68.26, 17.39, -6.20
CIE LCh	68, 18.460, 340.373
Yxy	38.3287, 0.3286, 0.3005
Android (android.graphics.Color)	4290878642 (0xFFC19CB2)
YUV	169.5710, 4.1555, 20.5472
Hunter-Lab	61.9102, 12.5118, -1.9691

Details

The XYZ color **41.9167, 38.3287, 47.3084** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1325, 48.1493, 45.7089**, and the grayscale version is **37.9708, 39.9482, 43.5036**.

A 20% lighter version of the original color is **77.5699, 72.8530, 87.8156**, and **19.4007, 17.0728, 21.6749** is the 20% darker color. If you saturate the color by 10%, you get **38.1687, 32.0539, 42.2928**, and if you desaturate by 10%, it is **46.2264, 45.6540, 52.7332**.

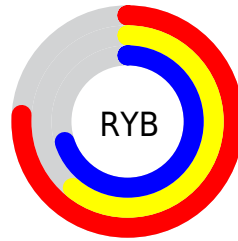
Distribution



Red (76%)

Green (61%)

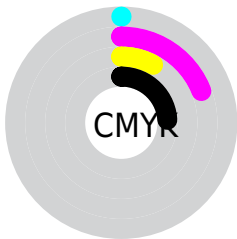
Blue (70%)



Red (76%)

Yellow (61%)

Blue (70%)

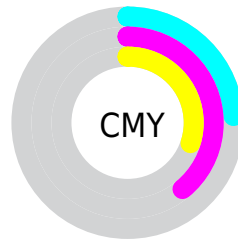


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9167, 38.3287, 47.3084 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 41.9167, 38.3287, 47.3084 by changing the saturation by 10% instead.


 41.9167, 38.3287,
47.3084


 41.9167, 38.3287,
47.3084


345.1350,
339.0279, 392.4735

 29.2269, 26.2379,
32.9234


 77.3395, 72.6117,
87.5286

 19.3977, 17.0017,
21.7972


 100.8032, 95.5726,
114.2009

 12.0637, 10.2357,
13.5110


128.5889,
122.9258, 145.8060

 6.8596, 5.5555,
7.6465

161.0620,
155.0555, 182.7626

 3.4200, 2.5767,
3.7851

198.5878,
192.3461, 225.4891

 1.3796, 0.9150,
1.5082

241.5316,

 0.2416, 0.0000,

235.1822, 274.4040

0.2240

290.2589,
283.9480, 329.9260

■ 0.0000, 0.0000,
0.0000

■ 41.9167, 38.3287,
47.3084

■ 41.9167, 38.3287,
47.3084

■ 38.1687, 32.0539,
42.2928

■ 46.2264, 45.6540,
52.7332

■ 34.9539, 26.7757,
37.6721

■ 51.1177, 54.0703,
58.5763

■ 32.2467, 22.4431,
33.4342

■ 56.6139, 63.6220,
64.8491

■ 30.0175, 18.9985,
29.5657

■ 62.7356, 74.3499,
71.5620

■ 28.2337, 16.3780,
26.0515

■ 69.5027, 86.2924,
78.7250

■ 26.8584, 14.5090,
22.8755

■ 71.3367, 88.2912,
84.4818

■ 25.8483, 13.3061,
20.0188

■ 72.4288, 88.7281,
90.2327

■ 25.1276, 12.6195,
17.4520

■ 73.5704, 89.1847,
96.2447

■ 25.0728, 12.5697,
17.2490

■ 74.7623, 89.6615,
102.5209

Harmonies

Analogous

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



40.1481, 38.3287, 55.0642



41.9167, 38.3287, 47.3084



42.1719, 38.3287, 38.9342

Triad

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



41.9167, 38.3287, 47.3084



35.4393, 38.3287, 27.9595



32.3602, 38.3287, 52.9095

Complementary

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



41.9167, 38.3287, 47.3084



40.1325, 48.1493, 45.7089

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.



31.2350, 38.3287, 44.6637



41.9167, 38.3287, 47.3084



32.9493, 38.3287, 30.7491

Square

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



41.9167, 38.3287, 47.3084



38.3282, 38.3287, 28.4712



31.4448, 38.3287, 36.6146



34.5961, 38.3287, 58.5822

Rectangle

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



41.9167, 38.3287, 47.3084



41.4359, 38.3287, 34.1956



31.4448, 38.3287, 36.6146



31.8450, 38.3287, 50.3048

Sweetspot

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



41.9178, 38.3304, 47.3092



85.3719, 86.1891, 97.5819



38.2667, 36.2645, 55.4357



18.1950, 18.2844, 20.7895



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9178, 38.3304, 47.3092



72.1406, 63.7146, 80.8771



40.2011, 37.6437, 38.2692



10.3188, 10.1761, 11.7696



16.7166, 8.3764, 11.6854



0.7557, 0.3753, 0.6809

Inverse Universe

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



41.9178, 38.3304, 47.3092



72.1406, 63.7146, 80.8771



41.9995, 48.8961, 55.5402



10.3188, 10.1761, 11.7696



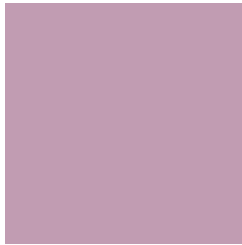
16.7166, 8.3764, 11.6854



0.7557, 0.3753, 0.6809

Previews

White Background



This preview shows how the XYZ color 41.9167, 38.3287, 47.3084 looks on a white background.

Color Contrast Check

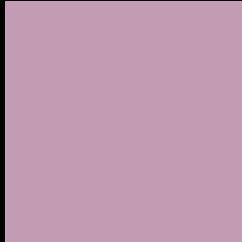
Large Text (above 18pt) WCAG AA × Fail

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 41.9167, 38.3287, 47.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

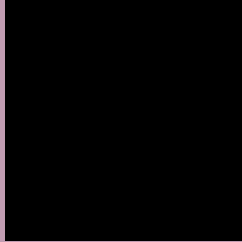
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9167, 38.3287, 47.3084

Background



This preview shows how black text looks on a background with the XYZ color 41.9167, 38.3287, 47.3084.



This preview shows how white text looks on a background with the XYZ color 41.9167, 38.3287,

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

41.9167, 38.3287, 47.3084

Protanopia

37.6239, 38.3703, 50.7706

Deuteranopia

39.2162, 38.4800, 46.9554



Tritanopia

41.0509, 38.2227, 43.2443

Trichromacy



Original Color

41.9167, 38.3287, 47.3084

Protanomaly

39.0430, 38.3320, 49.5970

Deuteranomaly

40.0351, 38.3832, 46.8936

Tritanomaly

41.3380, 38.3375, 44.7563

Monochromacy



Original Color

41.9167, 38.3287, 47.3084

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.3581, 39.3924, 45.0643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9167, 38.3287, 47.3084 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(193, 156, 178)` looks like.

```
.text, #text, p{  
    color:rgb(193, 156, 178)  
}
```

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(193, 156, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 156, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.9167, 38.3287, 47.3084 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(193, 156, 178) }
```


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

```
.border{ border-color:rgb(193, 156, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 156, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 156, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 156, 178);  
box-shadow:4px 4px 4px 4px rgb(193, 156,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9167, 38.3287, 47.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 156, 178) }
```

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

```
.background{ background-color: rgb(193,  
156, 178) }
```

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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