

Converting Colors

XYZ(38.1479, 29.7414, 57.7629)

Have a look what the booklet for
XYZ(38.1479, 29.7414, 57.7629)
contains.

XYZ(38.1479, 29.7414, 57.7629)	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(38.1479, 29.7414,
57.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7FC7
RGB	186, 127, 199
RGB Percent	73%, 50%, 78%
CMY	0.2706, 0.5019, 0.2196
CMYK	0.07, 0.36, 0.00, 0.22
HSL	289°, 39%, 64%
HSV	289°, 36%, 78%
XYZ	38.1479, 29.7414, 57.7629
YIQ	152.8490, 12.0520, 34.9000

Conversions

Conversions Part 2

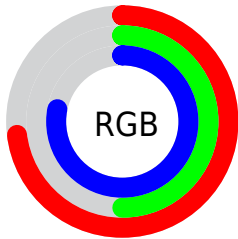
Format	Color
R _{YB}	186, 127, 199
Decimal	12222407
CIE _{Lab}	61.43, 35.07, -28.40
CIE _{LCh}	61, 45.128, 320.993
Yxy	29.7414, 0.3036, 0.2367
Android (android.graphics.Color)	4290412487 (0xFFBA7FC7)
YUV	152.8490, 22.7524, 29.0734
Hunter-Lab	54.5357, 29.4240, -24.6236

Details

The XYZ color **38.1479, 29.7414, 57.7629** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.0704, 47.9554, 27.4880**, and the grayscale version is **30.1141, 31.6824, 34.5021**.

A 20% lighter version of the original color is **71.5360, 59.3224, 102.2878**, and **17.2110, 12.1188, 28.2201** is the 20% darker color. If you saturate the color by 10%, you get **34.9655, 24.6556, 56.9494**, and if you desaturate by 10%, it is **41.8618, 35.8562, 58.7479**.

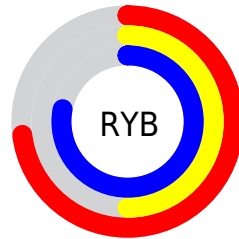
Distribution



Red (73%)

Green (50%)

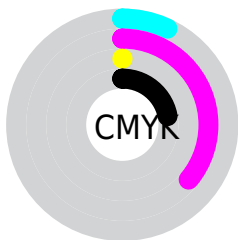
Blue (78%)



Red (73%)

Yellow (50%)

Blue (78%)

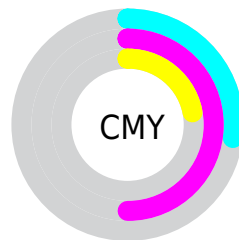


Cyan (7%)

Magenta (36%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (50%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1479, 29.7414, 57.7629 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 38.1479, 29.7414, 57.7629 by changing the saturation by 10% instead.


 38.1479, 29.7414,
57.7629

 38.1479, 29.7414,
57.7629

329.5239,
300.6972, 433.8754


 26.2752, 19.6424,
41.2046


 71.6372, 59.2530,
103.0889

 17.1634, 12.1354,
28.1581


 93.9846, 79.4343,
132.6936

 10.4471, 6.8359,
18.2048


 120.5542,
103.7453, 167.4843

 5.7609, 3.3597,
10.9262

151.7115,
132.5701, 207.8795

 2.7395, 1.3223,
5.9037

187.8217,
166.2934, 254.2976

 1.0176, 0.1584,
2.7187

229.2503,

 0.0000, 0.0000,

205.2994, 307.1573

0.9528

276.3626,
249.9725, 366.8771

■ 0.0000, 0.0000,
0.0000

■ 38.1479, 29.7414,
57.7629

■ 38.1479, 29.7414,
57.7629

■ 34.9655, 24.6556,
56.9494

■ 41.8618, 35.8562,
58.7479

■ 32.2814, 20.5348,
56.2955

■ 46.1320, 43.0515,
59.9116

■ 30.0634, 17.3138,
55.7907

■ 50.9851, 51.3796,
61.2634

■ 28.2737, 14.9178,
55.4225

■ 56.4453, 60.8887,
62.8110

■ 26.8687, 13.2596,
55.1765

■ 62.5354, 71.6237,
64.5621

■ 25.7930, 12.2284,
55.0342

■ 69.2766, 83.6277,
66.5238

■ 25.4276, 11.9175,
54.9934

■ 72.9766, 89.5150,
67.4651

■ 74.0186, 90.0522,
67.5139

■ 75.0837, 90.6013,
67.5638

Harmonies

Analogous

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



32.5786, 29.7414, 73.7378



38.1479, 29.7414, 57.7629



41.1735, 29.7414, 37.8013

Triad

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



38.1479, 29.7414, 57.7629



30.1017, 29.7414, 9.5720



18.8572, 29.7414, 45.6310

Complementary

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



38.1479, 29.7414, 57.7629



35.0704, 47.9554, 27.4880

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.



18.3880, 29.7414, 27.5095



38.1479, 29.7414, 57.7629



24.3560, 29.7414, 10.3814

Square

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



38.1479, 29.7414, 57.7629



36.1173, 29.7414, 12.9805



20.2612, 29.7414, 15.7993



21.6478, 29.7414, 65.1928

Rectangle

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



38.1479, 29.7414, 57.7629



41.0849, 29.7414, 26.5159



20.2612, 29.7414, 15.7993



18.4399, 29.7414, 39.0582

Sweetspot

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



38.1489, 29.7427, 57.7635



84.9066, 82.4429, 106.0458



28.4698, 27.4516, 57.8315



17.9254, 17.2209, 22.6291



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.



38.1489, 29.7427, 57.7635



62.5568, 45.2746, 100.0495



38.9998, 30.4646, 45.0038



10.8880, 10.7161, 13.4120



16.4179, 7.6980, 35.3649



0.8278, 0.3905, 1.6769

Inverse Universe

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



35.8772, 29.2156, 28.5605



58.2239, 44.3399, 41.1575



34.6658, 47.5552, 36.1231



10.7108, 10.6677, 11.4602



15.3728, 7.8987, 1.9072



0.7524, 0.3838, 0.2195

Previews

White Background



This preview shows how the XYZ color 38.1479, 29.7414, 57.7629 looks on a white background.

Color Contrast Check

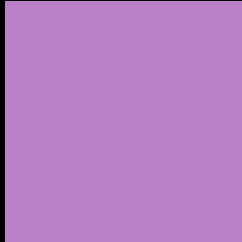
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.1479, 29.7414, 57.7629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

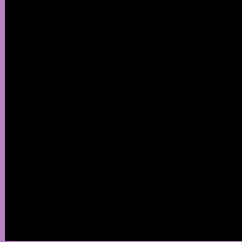
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.1479, 29.7414, 57.7629

Background



This preview shows how black text looks on a background with the XYZ color 38.1479, 29.7414, 57.7629.



This preview shows how white text looks on a background with the XYZ color 38.1479, 29.7414,

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

38.1479, 29.7414, 57.7629

Protanopia

31.1689, 29.9248, 67.7516

Deuteranopia

30.6104, 29.9012, 55.7879



Tritanopia

32.8814, 29.6131, 31.9998

Trichromacy



Original Color

38.1479, 29.7414, 57.7629

Protanomaly

32.9540, 29.3646, 64.2527

Deuteranomaly

32.7140, 29.4193, 56.1788

Tritanomaly

34.6540, 29.5102, 40.4288

Monochromacy



Original Color

38.1479, 29.7414, 57.7629

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.7460, 30.8481, 42.2586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1479, 29.7414, 57.7629 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(186, 127, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 127, 199)  
}
```

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(186, 127, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 127, 199) }
```

Border

The CSS property to change the border of an element to XYZ 38.1479, 29.7414, 57.7629 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(186, 127, 199) }
```


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

```
.border{ border-color:rgb(186, 127, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 127, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 127, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 127, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 127,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1479, 29.7414, 57.7629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 127, 199) }
```

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

```
.background{ background-color: rgb(186,  
127, 199) }
```

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