

Converting Colors

XYZ(41.2268, 36.9180, 61.4529)

Have a look what the booklet for
XYZ(41.2268, 36.9180, 61.4529)
contains.

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Color

**XYZ(41.2268, 36.9180,
61.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	B599CB
RGB	181, 153, 203
RGB Percent	71%, 60%, 80%
CMY	0.2902, 0.4000, 0.2039
CMYK	0.11, 0.25, 0.00, 0.20
HSL	274°, 32%, 70%
HSV	274°, 25%, 80%
XYZ	41.2268, 36.9180, 61.4529
YIQ	167.0720, 0.6380, 21.4860

Conversions

Conversions Part 2

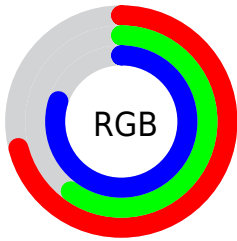
Format	Color
R_{YB}	181, 153, 203
Decimal	11901387
CIE _{Lab}	67.22, 19.80, -21.81
CIE _{LCh}	67, 29.454, 312.238
Yxy	36.9180, 0.2953, 0.2645
Android (android.graphics.Color)	4290091467 (0xFFB599CB)
YUV	167.0720, 17.7125, 12.2149
Hunter-Lab	60.7602, 14.7849, -17.4338

Details

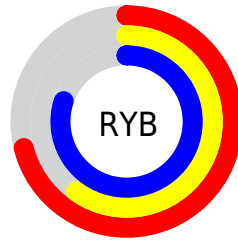
The XYZ color **41.2268, 36.9180, 61.4529** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7861, 54.1266, 38.2257**, and the grayscale version is **36.6829, 38.5932, 42.0280**.

A 20% lighter version of the original color is **75.2879, 69.8502, 104.1221**, and **19.0783, 16.2619, 30.5671** is the 20% darker color. If you saturate the color by 10%, you get **36.1552, 29.7844, 60.3439**, and if you desaturate by 10%, it is **47.0003, 45.2543, 62.7583**.

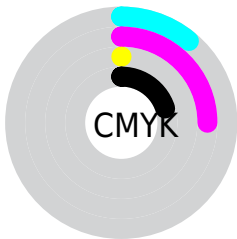
Distribution



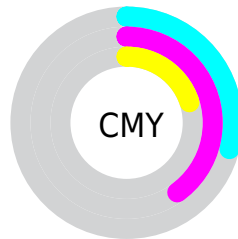
- Red (71%)
- Green (60%)
- Blue (80%)



- Red (71%)
- Yellow (60%)
- Blue (80%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2268, 36.9180, 61.4529 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 41.2268, 36.9180, 61.4529 by changing the saturation by 10% instead.

41.2268, 36.9180,
61.4529

41.2268, 36.9180,
61.4529

342.3140,
332.9554, 447.8851

28.6848, 25.1440,
44.1578

76.3006, 70.4467,
108.4983

18.9856, 16.1844,
30.4565

99.5631, 92.9701,
139.0858

11.7638, 9.6547,
19.9304

127.1298,
119.8455, 174.9412

6.6541, 5.1706,
12.1609

159.3661,
151.4572, 216.4829

3.2911, 2.3477,
6.7295

196.6373,
188.1897, 264.1297

1.3095, 0.7988,
3.2176

239.3088,

0.1903, 0.0000,

230.4273, 318.2999

1.2068

287.7459,
278.5544, 379.4122

■ 0.0000, 0.0000,
0.0000

■ 41.2268, 36.9180,
61.4529

■ 41.2268, 36.9180,
61.4529

■ 36.1552, 29.7844,
60.3439

■ 47.0003, 45.2543,
62.7583

■ 31.7509, 23.7905,
59.4191

■ 53.5011, 54.8432,
64.2665

■ 27.9813, 18.8743,
58.6688

■ 60.7577, 65.7371,
65.9867

■ 24.8096, 14.9658,
58.0816

■ 68.7958, 77.9843,
67.9270

■ 22.1944, 11.9866,
57.6443

■ 77.6400, 91.6302,
70.0948

■ 20.0884, 9.8460,
57.3422

■ 80.6669, 93.4251,
70.2817

■ 18.4343, 8.4340,
57.1568

■ 83.6839, 94.9804,
70.4229

■ 17.6774, 7.8678,
57.0874

■ 86.8510, 96.6131,
70.5711

■ 87.7796, 97.0918,
70.6146

Harmonies

Analogous

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



36.9538, 36.9180, 69.5696



41.2268, 36.9180, 61.4529



43.9821, 36.9180, 48.2326

Triad

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



41.2268, 36.9180, 61.4529



37.7931, 36.9180, 20.9301



27.3015, 36.9180, 45.6767

Complementary

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



41.2268, 36.9180, 61.4529



44.7861, 54.1266, 38.2257

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.



27.4843, 36.9180, 33.1082



41.2268, 36.9180, 61.4529



33.2889, 36.9180, 20.5329

Square

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



41.2268, 36.9180, 61.4529



41.8862, 36.9180, 25.7468



29.5936, 36.9180, 24.5134



29.0708, 36.9180, 59.2410

Rectangle

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



41.2268, 36.9180, 61.4529



44.4552, 36.9180, 39.2385



29.5936, 36.9180, 24.5134



27.1412, 36.9180, 41.1719

Sweetspot

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



41.2280, 36.9196, 61.4537



86.7869, 87.6760, 106.9567



39.3452, 41.9404, 62.5221



18.4298, 18.5498, 22.8591



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.



41.2280, 36.9196, 61.4537



63.9924, 54.6856, 101.7904



46.5047, 39.6740, 60.1579



11.1926, 11.1486, 14.1324



11.3559, 5.0617, 36.3348



0.6721, 0.3056, 1.8785

Inverse Universe

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



43.7588, 38.5756, 45.6984



69.1640, 58.0617, 69.9552



40.4525, 51.8685, 39.1121



11.4139, 11.2943, 12.7144



16.8738, 8.5601, 7.0542



0.9084, 0.4568, 0.5637

Previews

White Background



This preview shows how the XYZ color 41.2268, 36.9180, 61.4529 looks on a white background.

Color Contrast Check

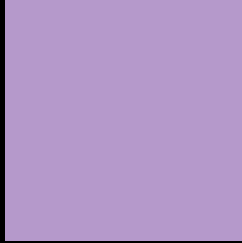
Large Text (above 18pt) WCAG AA × Fail

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 41.2268, 36.9180, 61.4529 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 41.2268, 36.9180, 61.4529

Background



This preview shows how black text looks on a background with the XYZ color 41.2268, 36.9180, 61.4529.



This preview shows how white text looks on a background with the XYZ color 41.2268, 36.9180,

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

41.2268, 36.9180, 61.4529

Protanopia

37.3778, 37.1195, 65.5164

Deuteranopia

37.9294, 36.9829, 61.0164



Tritanopia

37.6533, 36.9667, 43.6788

Trichromacy



Original Color

41.2268, 36.9180, 61.4529

Protanomaly

38.7649, 37.0878, 64.1470

Deuteranomaly

38.8661, 36.7030, 60.9130

Tritanomaly

38.9643, 36.9978, 49.8874

Monochromacy



Original Color

41.2268, 36.9180, 61.4529

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.1718, 37.9066, 48.4849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2268, 36.9180, 61.4529 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(181, 153, 203)` looks like.

```
.text, #text, p{  
    color:rgb(181, 153, 203)  
}
```

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(181, 153, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 153, 203) }
```

Border

The CSS property to change the border of an element to XYZ 41.2268, 36.9180, 61.4529 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(181, 153, 203) }
```


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

```
.border{ border-color:rgb(181, 153, 203) }
```

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

Here you see how a box with a 4 pixel rgb(181, 153, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 153, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 153, 203);  
box-shadow:4px 4px 4px 4px rgb(181, 153,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2268, 36.9180, 61.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 153, 203) }
```

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

```
.background{ background-color: rgb(181,  
153, 203) }
```

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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