

Converting Colors

XYZ(41.3764, 36.5406, 60.1306)

Have a look what the booklet for
XYZ(41.3764, 36.5406, 60.1306)
contains.

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Color

**XYZ(41.3764, 36.5406,
60.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	B897C9
RGB	184, 151, 201
RGB Percent	72%, 59%, 79%
CMY	0.2784, 0.4078, 0.2118
CMYK	0.08, 0.25, 0.00, 0.21
HSL	280°, 32%, 69%
HSV	280°, 25%, 79%
XYZ	41.3764, 36.5406, 60.1306
YIQ	166.5670, 3.6180, 22.5460

Conversions

Conversions Part 2

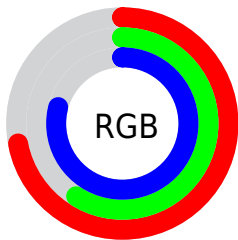
Format	Color
RYB	184, 151, 201
Decimal	12097481
CIELab	66.93, 21.48, -21.10
CIElCh	67, 30.114, 315.511
Yxy	36.5406, 0.2997, 0.2647
Android (android.graphics.Color)	4290287561 (0xFFB897C9)
YUV	166.5670, 16.9755, 15.2887
Hunter-Lab	60.4488, 16.3954, -16.6637

Details

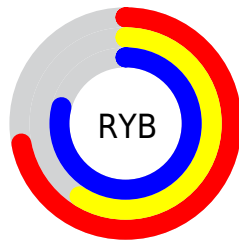
The XYZ color **41.3764, 36.5406, 60.1306** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.6222, 52.3334, 37.1348**, and the grayscale version is **36.4401, 38.3378, 41.7498**.

A 20% lighter version of the original color is **75.8165, 69.4079, 104.0088**, and **19.0296, 15.9668, 29.6827** is the 20% darker color. If you saturate the color by 10%, you get **36.8158, 29.7907, 59.0687**, and if you desaturate by 10%, it is **46.5699, 44.4373, 61.3817**.

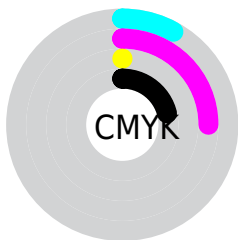
Distribution



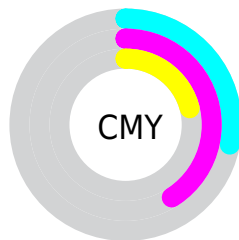
- Red (72%)
- Green (59%)
- Blue (79%)



- Red (72%)
- Yellow (59%)
- Blue (79%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (21%)





- Cyan (28%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3764, 36.5406, 60.1306 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 41.3764, 36.5406, 60.1306 by changing the saturation by 10% instead.


 41.3764, 36.5406,
60.1306


 41.3764, 36.5406,
60.1306

342.9271,
331.3173, 442.8970

 28.8023, 24.8520,
43.0979


 76.5261, 69.8657,
106.5643

 19.0748, 15.9668,
29.6300


 99.8323, 92.2709,
136.8025

 11.8287, 9.5007,
19.3082


127.4466,
119.0172, 172.2795

 6.6985, 5.0692,
11.7142

159.7344,
150.4888, 213.4139

 3.3189, 2.2879,
6.4292

197.0610,
187.0702, 260.6244

 1.3246, 0.7673,
3.0348

239.7917,

 0.2015, 0.0000,

229.1459, 314.3293

1.1124

288.2920,
277.1001, 374.9474

■ 0.0000, 0.0000,
0.0000

■ 41.3764, 36.5406,
60.1306

■ 41.3764, 36.5406,
60.1306

■ 36.8158, 29.7907,
59.0687

■ 46.5699, 44.4373,
61.3817

■ 32.8555, 24.1265,
58.1841

■ 52.4199, 53.5288,
62.8282

■ 29.4653, 19.4881,
57.4675

■ 58.9529, 63.8657,
64.4790

■ 26.6102, 15.8078,
56.9076

■ 66.1929, 75.4944,
66.3420

■ 24.2516, 13.0096,
56.4918

■ 74.1627, 88.4590,
68.4244

■ 22.3445, 11.0056,
56.2055

■ 77.3561, 91.7457,
68.8905

■ 20.8344, 9.6887,
56.0309

■ 79.5297, 92.8662,
68.9922

■ 20.1620, 9.1760,
55.9674

■ 81.7896, 94.0312,
69.0980

■ 84.1367, 95.2412,
69.2078

Harmonies

Analogous

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



37.1314, 36.5406, 69.2575



41.3764, 36.5406, 60.1306



43.9412, 36.5406, 46.4132

Triad

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



41.3764, 36.5406, 60.1306



36.9734, 36.5406, 20.0733



26.9409, 36.5406, 46.8948

Complementary

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



41.3764, 36.5406, 60.1306



42.6222, 52.3334, 37.1348

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.



26.9067, 36.5406, 33.8227



41.3764, 36.5406, 60.1306



32.4359, 36.5406, 20.1470

Square

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



41.3764, 36.5406, 60.1306



41.2521, 36.5406, 24.4127



28.8377, 36.5406, 24.6423



28.9357, 36.5406, 60.5492

Rectangle

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



41.3764, 36.5406, 60.1306



44.2209, 36.5406, 37.4208



28.8377, 36.5406, 24.6423



26.7059, 36.5406, 42.2499

Sweetspot

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



41.3776, 36.5421, 60.1314



87.4199, 88.0023, 106.9864



37.4016, 38.9881, 60.8131



18.5765, 18.6254, 22.8659



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.



41.3776, 36.5421, 60.1314



66.3799, 55.9165, 101.9021



44.8366, 38.4248, 55.7994



10.7194, 10.6291, 13.4041



12.7781, 5.8216, 35.1946



0.6802, 0.3144, 1.6700

Inverse Universe

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



42.2231, 37.3794, 42.0369



68.2205, 57.6843, 64.9867



39.8651, 50.8394, 40.2873



10.7802, 10.6955, 11.8258



15.8466, 8.0882, 4.4021



0.7843, 0.3966, 0.3875

Previews

White Background



This preview shows how the XYZ color 41.3764, 36.5406, 60.1306 looks on a white background.

Color Contrast Check

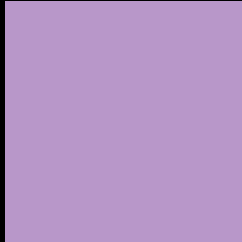
Large Text (above 18pt) WCAG AA × Fail

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 41.3764, 36.5406, 60.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

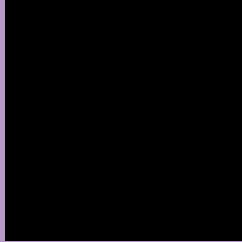
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3764, 36.5406, 60.1306

Background



This preview shows how black text looks on a background with the XYZ color 41.3764, 36.5406, 60.1306.



This preview shows how white text looks on a background with the XYZ color 41.3764, 36.5406,

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

41.3764, 36.5406, 60.1306

Protanopia

36.8925, 36.6231, 64.7990

Deuteranopia

37.5776, 36.8422, 59.1635



Tritanopia

37.8088, 36.5622, 42.6006

Trichromacy



Original Color

41.3764, 36.5406, 60.1306

Protanomaly

38.1807, 36.3082, 62.7535

Deuteranomaly

38.8445, 36.7191, 59.6837

Tritanomaly

39.1179, 36.6026, 48.7193

Monochromacy



Original Color

41.3764, 36.5406, 60.1306

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.1151, 37.6286, 47.9020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3764, 36.5406, 60.1306 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(184, 151, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 151, 201)  
}
```

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(184, 151, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 151, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.3764, 36.5406, 60.1306 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(184, 151, 201) }
```


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

```
.border{ border-color:rgb(184, 151, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 151, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 151,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3764, 36.5406, 60.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 151, 201) }
```

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

```
.background{ background-color: rgb(184,  
151, 201) }
```

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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