

Converting Colors

XYZ(41.7004, 36.6718, 51.0087)

Have a look what the booklet for
XYZ(41.7004, 36.6718, 51.0087)
contains.

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Color

**XYZ(41.6556, 36.6529,
50.7782)**

Conversions

Conversions Part 1

Format	Color
Hex	C196B9
RGB	193, 150, 185
RGB Percent	76%, 59%, 73%
CMY	0.2431, 0.4117, 0.2745
CMYK	0.00, 0.22, 0.04, 0.24
HSL	311°, 26%, 67%
HSV	311°, 22%, 76%
XYZ	41.6556, 36.6529, 50.7782
YIQ	166.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

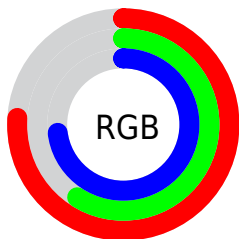
Format	Color
RYB	193, 150, 185
Decimal	12687033
CIELab	67.02, 21.97, -11.97
CIElCh	67, 25.015, 331.422
Yxy	36.6529, 0.3227, 0.2839
Android (android.graphics.Color)	4290877113 (0xFFC196B9)
YUV	166.8470, 8.9494, 22.9362
Hunter-Lab	60.5416, 16.8688, -7.3493

Details

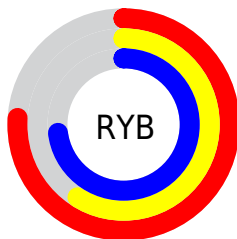
The XYZ color **41.6556, 36.6529, 50.7782** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.8206, 47.0936, 39.4464**, and the grayscale version is **36.6100, 38.5165, 41.9445**.

A 20% lighter version of the original color is **76.8944, 69.8606, 92.6508**, and **19.2742, 16.0786, 23.9174** is the 20% darker color. If you saturate the color by 10%, you get **38.4519, 30.8439, 47.8638**, and if you desaturate by 10%, it is **45.3783, 43.4834, 53.9137**.

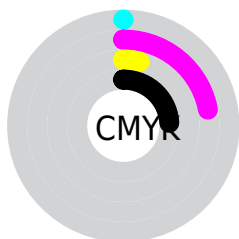
Distribution



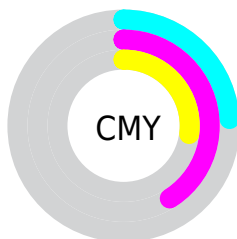
- Red (76%)
- Green (59%)
- Blue (73%)



- Red (76%)
- Yellow (59%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (4%)
- Black (24%)



- Cyan (24%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6556, 36.6529, 50.7782 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 41.6556, 36.6529, 50.7782 by changing the saturation by 10% instead.

■ 41.6556, 36.6529,
50.7782

■ 41.6556, 36.6529,
50.7782

344.0692,
331.8053, 406.5234

■ 29.0216, 24.9389,
35.6566

■ 76.9466, 70.0386,
92.7350

■ 19.2416, 16.0315,
23.8815

■ 100.3343, 92.4791,
120.4072

■ 11.9500, 9.5465,
15.0344

128.0373,
119.2638, 153.1002

■ 6.7816, 5.0993,
8.6966

160.4210,
150.7772, 191.2323

■ 3.3710, 2.3056,
4.4497

197.8506,
187.4037, 235.2221

■ 1.3529, 0.7767,
1.8752

240.6917,

■ 0.2223, 0.0000,

229.5276, 285.4882

0.4769

289.3094,
277.5333, 342.4491

■ 0.0000, 0.0000,
0.0000

■ 41.6556, 36.6529,
50.7782

■ 41.6556, 36.6529,
50.7782

■ 38.4519, 30.8439,
47.8638

■ 45.3783, 43.4834,
53.9137

■ 35.7389, 26.0020,
45.1595

■ 49.6400, 51.3768,
57.2760

■ 33.4910, 22.0748,
42.6567

■ 54.4633, 60.3781,
60.8734

■ 31.6784, 19.0034,
40.3453

■ 59.8690, 70.5284,
64.7132

■ 30.2681, 16.7217,
38.2138

■ 65.8764, 81.8664,
68.8022

■ 29.2222, 15.1540,
36.2493

■ 68.9598, 87.3405,
71.9654

■ 28.4953, 14.2098,
34.4362

■ 69.4027, 87.5176,
74.2977

■ 28.0862, 13.7750,
33.1175

■ 69.8556, 87.6988,
76.6829

■ 70.3187, 87.8840,
79.1213

Harmonies

Analogous

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



38.7871, 36.6529, 60.5602



41.6556, 36.6529, 50.7782



42.6639, 36.6529, 39.3916

Triad

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



41.6556, 36.6529, 50.7782



34.6564, 36.6529, 22.4325



28.9672, 36.6529, 51.8418

Complementary

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



41.6556, 36.6529, 50.7782



37.8206, 47.0936, 39.4464

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.



28.0320, 36.6529, 40.4304



41.6556, 36.6529, 50.7782



31.1655, 36.6529, 24.5834

Square

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



41.6556, 36.6529, 50.7782



38.4506, 36.6529, 24.2093



28.8072, 36.6529, 30.7129



31.4581, 36.6529, 61.2487

Rectangle

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



41.6556, 36.6529, 50.7782



42.0912, 36.6529, 32.7437



28.8072, 36.6529, 30.7129



28.4690, 36.6529, 48.0495

Sweetspot

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



41.6567, 36.6545, 50.7790



85.0936, 84.9417, 99.6194



34.6112, 32.9221, 54.9831



18.1564, 18.0395, 21.2935



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.



41.6567, 36.6545, 50.7790



71.5407, 60.0713, 88.2102



39.5662, 35.8183, 39.7706



10.4143, 10.2143, 12.2723



18.7079, 9.1729, 22.1718



0.8296, 0.4049, 1.0702

Inverse Universe

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



41.6567, 36.6545, 50.7790



71.5407, 60.0713, 88.2102



39.8244, 47.8951, 49.9982



10.4143, 10.2143, 12.2723



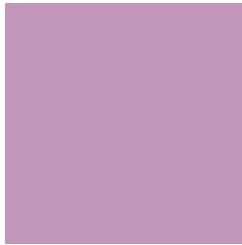
18.7079, 9.1729, 22.1718



0.8296, 0.4049, 1.0702

Previews

White Background



This preview shows how the XYZ color 41.6556, 36.6529, 50.7782 looks on a white background.

Color Contrast Check

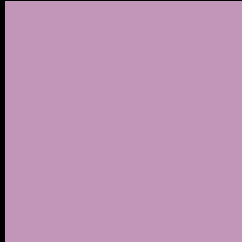
Large Text (above 18pt) WCAG AA × Fail

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 41.6556, 36.6529, 50.7782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

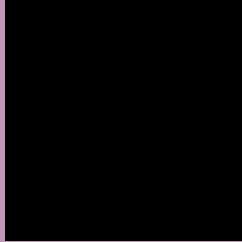
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6556, 36.6529, 50.7782

Background



This preview shows how black text looks on a background with the XYZ color 41.6556, 36.6529, 50.7782.



This preview shows how white text looks on a background with the XYZ color 41.6556, 36.6529,

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

41.6556, 36.6529, 50.7782

Protanopia

36.4506, 36.8590, 55.6454

Deuteranopia

37.5229, 36.7612, 49.9177



Tritanopia

39.4180, 36.4462, 40.5546

Trichromacy



Original Color

41.6556, 36.6529, 50.7782

Protanomaly

38.0987, 36.7175, 53.7944

Deuteranomaly

38.9003, 36.7026, 50.3814

Tritanomaly

40.1605, 36.5114, 43.9604

Monochromacy



Original Color

41.6556, 36.6529, 50.7782

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2893, 37.7758, 45.3178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6556, 36.6529, 50.7782 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, 150, 185)` looks like.

```
.text, #text, p{  
    color:rgb(193, 150, 185)  
}
```

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, 150, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 150, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.6556, 36.6529, 50.7782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

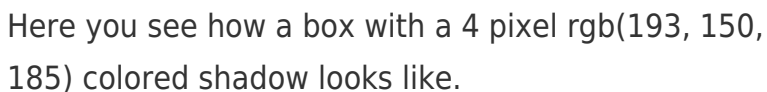
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 150, 185) }
```


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

```
.border{ border-color:rgb(193, 150, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 150, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 150, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 150, 185); box-shadow:4px 4px 4px 4px rgb(193, 150, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6556, 36.6529, 50.7782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 150, 185) }
```

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

```
.background{ background-color: rgb(193,  
150, 185) }
```

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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