

Converting Colors

XYZ(41.6908, 36.6904, 63.7570)

Have a look what the booklet for
XYZ(41.6908, 36.6904, 63.7570)
contains.

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Color

**XYZ(41.6205, 36.5833,
63.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	B697CF
RGB	182, 151, 207
RGB Percent	71%, 59%, 81%
CMY	0.2863, 0.4078, 0.1882
CMYK	0.12, 0.27, 0.00, 0.19
HSL	273°, 37%, 70%
HSV	273°, 27%, 81%
XYZ	41.6205, 36.5833, 63.8991
YIQ	166.6530, 0.5000, 23.9880

Conversions

Conversions Part 2

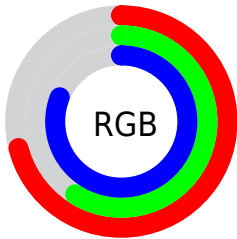
Format	Color
RYB	182, 151, 207
Decimal	11966415
CIELab	66.96, 22.09, -24.41
CIELCh	67, 32.917, 312.145
Yxy	36.5833, 0.2929, 0.2574
Android (android.graphics.Color)	4290156495 (0xFFB697CF)
YUV	166.6530, 19.8911, 13.4593
Hunter-Lab	60.4841, 16.9827, -20.2987

Details

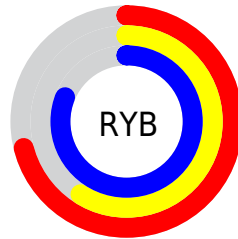
The XYZ color **41.6205, 36.5833, 63.8991** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.8044, 56.0910, 37.6923**, and the grayscale version is **36.4692, 38.3684, 41.7832**.

A 20% lighter version of the original color is **75.1412, 69.0598, 103.9772**, and **19.1268, 15.9705, 31.7803** is the 20% darker color. If you saturate the color by 10%, you get **36.4664, 29.4082, 62.7864**, and if you desaturate by 10%, it is **47.5059, 45.0055, 65.2151**.

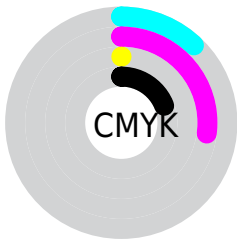
Distribution



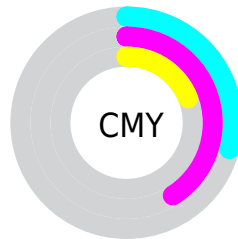
- Red (71%)
- Green (59%)
- Blue (81%)



- Red (71%)
- Yellow (59%)
- Blue (81%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)





- Cyan (29%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6205, 36.5833, 63.8991 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 41.6205, 36.5833, 63.8991 by changing the saturation by 10% instead.


 41.6205, 36.5833,
63.8991


 41.6205, 36.5833,
63.8991

343.9258,
331.5029, 457.0226

 28.9941, 24.8850,
46.1233


 76.8937, 69.9314,
112.0637

 19.2206, 15.9914,
31.9938


 100.2712, 92.3501,
143.2895

 11.9347, 9.5181,
21.0920


127.9631,
119.1110, 179.8358

 6.7711, 5.0806,
12.9993

160.3347,
150.5985, 222.1211

 3.3644, 2.2946,
7.2974

197.7514,
187.1971, 270.5639

 1.3493, 0.7709,
3.5675

240.5786,

 0.2197, 0.0000,

229.2911, 325.5827

1.3912

289.1816,
277.2649, 387.5961

■ 0.0000, 0.0000,
0.1348

■ 0.0000, 0.0000,
0.0000

■ 41.6205, 36.5833,
63.8991

■ 41.6205, 36.5833,
63.8991

■ 36.4664, 29.4082,
62.7864

■ 47.5059, 45.0055,
65.2151

■ 32.0067, 23.4131,
61.8643

■ 54.1501, 54.7282,
66.7416

■ 28.2064, 18.5311,
61.1223

■ 61.5833, 65.8074,
68.4883

■ 25.0256, 14.6870,
60.5479

■ 69.8332, 78.2942,
70.4637

22.4195, 11.7957,
60.1272

78.9256, 92.2372,
72.6758

20.3362, 9.7578,
59.8436

82.0979, 94.1070,
72.8695

18.7071, 8.4412,
59.6754

85.2713, 95.7430,
73.0180

18.2788, 8.1220,
59.6363

88.2626, 97.2850,
73.1580

Harmonies

Analogous

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



36.8308, 36.5833, 73.2185



41.6205, 36.5833, 63.8991



44.7350, 36.5833, 48.8734

Triad

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



41.6205, 36.5833, 63.8991



37.7992, 36.5833, 18.9728



26.2037, 36.5833, 45.9031

Complementary

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



41.6205, 36.5833, 63.8991



45.8044, 56.0910, 37.6923

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.



26.4092, 36.5833, 31.9824



41.6205, 36.5833, 63.8991



32.7901, 36.5833, 18.5437

Square

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



41.6205, 36.5833, 63.8991



42.3876, 36.5833, 24.0833



28.7181, 36.5833, 22.7247



28.1268, 36.5833, 61.2813

Rectangle

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



41.6205, 36.5833, 63.8991



45.2763, 36.5833, 38.8125



28.7181, 36.5833, 22.7247



26.0316, 36.5833, 40.8712

Sweetspot

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



41.6217, 36.5848, 63.8999



85.6123, 85.9813, 106.6915



39.5909, 42.2149, 65.0937



17.9646, 17.8735, 22.7530



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.



41.6217, 36.5848, 63.8999



62.1549, 52.2544, 101.4179



47.7228, 39.7693, 62.4142



11.7804, 11.7356, 14.8880



11.6268, 5.1741, 37.5784



0.7407, 0.3360, 2.1054

Inverse Universe

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



44.6364, 38.5347, 46.1612



67.8720, 55.9454, 68.0825



40.8927, 53.5323, 38.6637



12.0249, 11.8947, 13.4071



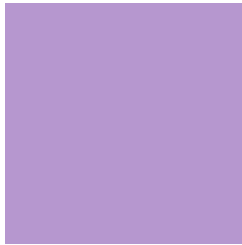
17.4870, 8.8676, 7.4708



1.0174, 0.5117, 0.6267

Previews

White Background



This preview shows how the XYZ color 41.6205, 36.5833, 63.8991 looks on a white background.

Color Contrast Check

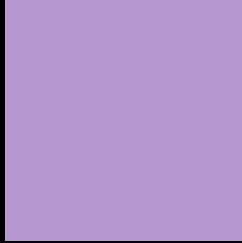
Large Text (above 18pt) WCAG AA × Fail

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 41.6205, 36.5833, 63.8991 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 41.6205, 36.5833, 63.8991

Background



This preview shows how black text looks on a background with the XYZ color 41.6205, 36.5833, 63.8991.



This preview shows how white text looks on a background with the XYZ color 41.6205, 36.5833,

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

41.6205, 36.5833, 63.8991

Protanopia

37.2769, 36.7343, 68.7441

Deuteranopia

37.4949, 36.7175, 62.8686



Tritanopia

37.3871, 36.5861, 43.1215

Trichromacy



Original Color

41.6205, 36.5833, 63.8991

Protanomaly

38.5128, 36.3942, 66.6229

Deuteranomaly

38.9234, 36.6772, 63.4204

Tritanomaly

38.6287, 36.3266, 49.7755

Monochromacy



Original Color

41.6205, 36.5833, 63.8991

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2016, 37.6378, 49.5073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6205, 36.5833, 63.8991 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(182, 151, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 151, 207)  
}
```

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(182, 151, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 151, 207) }
```

Border

The CSS property to change the border of an element to XYZ 41.6205, 36.5833, 63.8991 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(182, 151, 207) }
```


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

```
.border{ border-color:rgb(182, 151, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 151, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 151, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 151, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 151,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6205, 36.5833, 63.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 151, 207) }
```

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

```
.background{ background-color: rgb(182,  
151, 207) }
```

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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