

Converting Colors

XYZ(41.5102, 34.3087, 52.8566)

Have a look what the booklet for
XYZ(41.5102, 34.3087, 52.8566)
contains.

XYZ(41.3283, 34.1661, 52.5606)	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(41.3283, 34.1661,
52.5606)**

Conversions

Conversions Part 1

Format	Color
Hex	C48CBD
RGB	196, 140, 189
RGB Percent	77%, 55%, 74%
CMY	0.2314, 0.4510, 0.2588
CMYK	0.00, 0.29, 0.04, 0.23
HSL	308°, 32%, 66%
HSV	308°, 29%, 77%
XYZ	41.3283, 34.1661, 52.5606
YIQ	162.3300, 17.6470, 27.1110

Conversions

Conversions Part 2

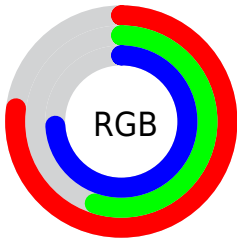
Format	Color
RYB	196, 140, 189
Decimal	12881085
CIELab	65.09, 29.25, -17.07
CIELCh	65, 33.871, 329.731
Yxy	34.1661, 0.3227, 0.2668
Android (android.graphics.Color)	4291071165 (0xFFC48CBD)
YUV	162.3300, 13.1483, 29.5286
Hunter-Lab	58.4518, 23.9177, -12.3981

Details

The XYZ color **41.3283, 34.1661, 52.5606** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.8230, 47.1628, 34.8210**, and the grayscale version is **34.4327, 36.2259, 39.4500**.

A 20% lighter version of the original color is **76.2812, 66.0588, 95.1164**, and **19.0008, 14.5851, 25.1063** is the 20% darker color. If you saturate the color by 10%, you get **38.4520, 28.8350, 50.3010**, and if you desaturate by 10%, it is **44.7213, 40.5222, 55.0154**.

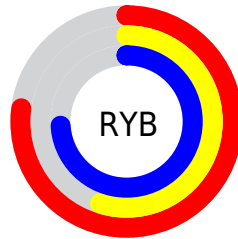
Distribution



Red (77%)

Green (55%)

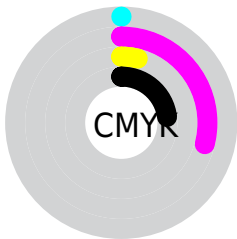
Blue (74%)



Red (77%)

Yellow (55%)

Blue (74%)

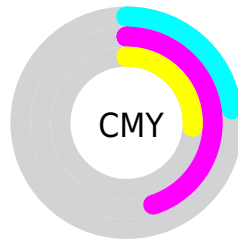


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3283, 34.1661, 52.5606 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 41.3283, 34.1661, 52.5606 by changing the saturation by 10% instead.


 41.3283, 34.1661,
52.5606


 41.3283, 34.1661,
52.5606

342.7301,
320.8721, 413.6154


 28.7645, 23.0212,
37.0668


 76.4536, 66.1919,
95.3925

 19.0461, 14.6092,
24.9630


 99.7458, 87.8416,
123.5676

 11.8078, 8.5456,
15.8307


 127.3448,
113.7617, 156.8069

 6.6842, 4.4460,
9.2514

159.6160,
144.3366, 195.5290

 3.3100, 1.9260,
4.8065

196.9248,
179.9507, 240.1523

 1.3197, 0.5640,
2.0774

239.6365,

 0.1979, 0.0000,

220.9884, 291.0955

0.6023

288.1165,
267.8340, 348.7770

■ 0.0000, 0.0000,
0.0000

■ 41.3283, 34.1661,
52.5606

■ 41.3283, 34.1661,
52.5606

■ 38.4520, 28.8350,
50.3010

■ 44.7213, 40.5222,
55.0154

■ 36.0622, 24.4703,
48.2252

■ 48.6529, 47.9489,
57.6716

■ 34.1302, 21.0141,
46.3240

■ 53.1476, 56.4946,
60.5379

■ 32.6233, 18.4010,
44.5864

■ 58.2275, 66.2034,
63.6217

■ 31.5042, 16.5565,
42.9997

■ 63.9135, 77.1169,
66.9301

■ 30.7291, 15.3930,
41.5494

■ 69.3885, 87.6012,
70.1910

■ 30.2276, 14.7695,
40.2117

■ 69.6842, 87.7195,
71.7482

■ 30.1635, 14.6952,
40.0247

■ 69.9846, 87.8396,
73.3298

■ 70.2896, 87.9616,
74.9361

Harmonies

Analogous

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



37.3840, 34.1661, 65.9629



41.3283, 34.1661, 52.5606



42.8581, 34.1661, 37.3283

Triad

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



41.3283, 34.1661, 52.5606



32.5182, 34.1661, 16.1860



24.9468, 34.1661, 52.2840

Complementary

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



41.3283, 34.1661, 52.5606



35.8230, 47.1628, 34.8210

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.



23.9190, 34.1661, 37.0742



41.3283, 34.1661, 52.5606



28.0136, 34.1661, 18.3165

Square

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



41.3283, 34.1661, 52.5606



37.4685, 34.1661, 18.3958



24.9841, 34.1661, 25.1697



27.9441, 34.1661, 65.7769

Rectangle

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



41.3283, 34.1661, 52.5606



42.1948, 34.1661, 28.7999



24.9841, 34.1661, 25.1697



24.3738, 34.1661, 47.0952

Sweetspot

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



41.3294, 34.1676, 52.5613



87.7022, 86.0380, 104.1890



31.2926, 28.9035, 56.1547



18.5349, 17.9669, 22.1442



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.



41.3294, 34.1676, 52.5613



71.6518, 55.9177, 92.7336



38.6185, 33.0833, 38.2862



10.4413, 10.2251, 12.4147



19.4031, 9.4510, 25.8325



0.8539, 0.4146, 1.1978

Inverse Universe

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



41.3294, 34.1676, 52.5613



71.6518, 55.9177, 92.7336



38.2485, 48.1330, 47.5934



10.4413, 10.2251, 12.4147



19.4031, 9.4510, 25.8325



0.8539, 0.4146, 1.1978

Previews

White Background



This preview shows how the XYZ color 41.3283, 34.1661, 52.5606 looks on a white background.

Color Contrast Check

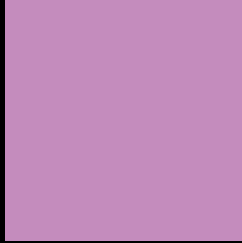
Large Text (above 18pt) WCAG AA × Fail

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 41.3283, 34.1661, 52.5606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

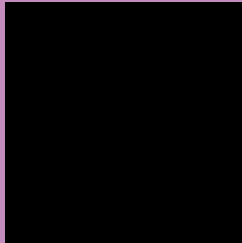
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3283, 34.1661, 52.5606

Background



This preview shows how black text looks on a background with the XYZ color 41.3283, 34.1661, 52.5606.



This preview shows how white text looks on a background with the XYZ color 41.3283, 34.1661,

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

41.3283, 34.1661, 52.5606

Protanopia

34.6322, 34.5340, 60.0988

Deuteranopia

35.0815, 34.4614, 51.2571



Tritanopia

38.1029, 34.1986, 36.4910

Trichromacy



Original Color

41.3283, 34.1661, 52.5606

Protanomaly

36.6617, 34.1638, 57.4853

Deuteranomaly

37.1096, 34.2848, 51.6754

Tritanomaly

39.1270, 34.1485, 42.0652

Monochromacy



Original Color

41.3283, 34.1661, 52.5606

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.4576, 35.0884, 43.8809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3283, 34.1661, 52.5606 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(196, 140, 189)` looks like.

```
.text, #text, p{  
    color:rgb(196, 140, 189)  
}
```

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(196, 140, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 140, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.3283, 34.1661, 52.5606 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(196, 140, 189) }
```


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

```
.border{ border-color:rgb(196, 140, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 140, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 140, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 140, 189);  
box-shadow:4px 4px 4px 4px rgb(196, 140,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3283, 34.1661, 52.5606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 140, 189) }
```

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

```
.background{ background-color: rgb(196,  
140, 189) }
```

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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