

Converting Colors

XYZ(42.3096, 34.2955, 43.6668)

Have a look what the booklet for
XYZ(42.3096, 34.2955, 43.6668)
contains.

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Color

**XYZ(42.1242, 34.1353,
43.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	CF89AC
RGB	207, 137, 172
RGB Percent	81%, 54%, 67%
CMY	0.1882, 0.4627, 0.3255
CMYK	0.00, 0.34, 0.17, 0.19
HSL	330°, 42%, 67%
HSV	330°, 34%, 81%
XYZ	42.1242, 34.1353, 43.3983
YIQ	161.9200, 30.4850, 25.7250

Conversions

Conversions Part 2

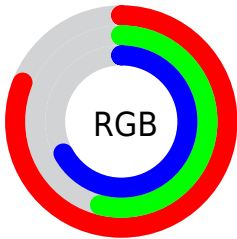
Format	Color
R _Y B	207, 137, 172
Decimal	13601196
CIE Lab	65.07, 31.77, -7.41
CIE LCh	65, 32.627, 346.871
Yxy	34.1353, 0.3520, 0.2853
Android (android.graphics.Color)	4291791276 (0xFFCF89AC)
YUV	161.9200, 4.9694, 39.5352
Hunter-Lab	58.4254, 26.4524, -3.1427

Details

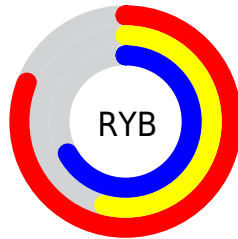
The XYZ color **42.1242, 34.1353, 43.3983** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.0772, 52.9235, 47.1352**, and the grayscale version is **34.2736, 36.0585, 39.2677**.

A 20% lighter version of the original color is **73.7359, 64.0677, 81.1530**, and **19.4805, 14.5910, 19.5589** is the 20% darker color. If you saturate the color by 10%, you get **38.5035, 28.4230, 37.4764**, and if you desaturate by 10%, it is **46.3888, 41.0107, 49.9176**.

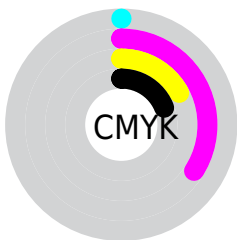
Distribution



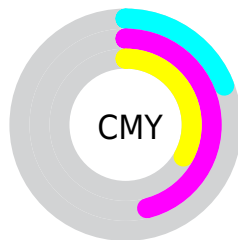
- Red (81%)
- Green (54%)
- Blue (67%)



- Red (81%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (19%)




- Cyan (19%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1242, 34.1353, 43.3983 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 42.1242, 34.1353, 43.3983 by changing the saturation by 10% instead.


 42.1242, 34.1353,
43.3983


 42.1242, 34.1353,
43.3983


345.9804,
320.7349, 376.2165


 29.3901, 22.9976,
29.8640


 77.6515, 66.1440,
81.6044

 19.5219, 14.5917,
19.4842


 101.1755, 87.7838,
107.1132

 12.1542, 8.5333,
11.8404


 129.0268,
113.6930, 137.4507

 6.9217, 4.4381,
6.5138

161.5707,
144.2561, 173.0354

 3.4591, 1.9215,
3.0862

199.1727,
179.8574, 214.2858

 1.4009, 0.5613,
1.1388

242.1981,

 0.2569, 0.0000,

220.8814, 261.6204

0.0000

291.0122,
267.7125, 315.4577

0.0000, 0.0000,
0.0000

42.1242, 34.1353,
43.3983

42.1242, 34.1353,
43.3983

38.5035, 28.4230,
37.4764

46.3888, 41.0107,
49.9176

35.4895, 23.8035,
32.1299

51.3259, 49.1048,
57.0511

33.0459, 20.2063,
27.3379

56.9658, 58.4752,
64.8173

31.1306, 17.5508,
23.0771

63.3360, 69.1744,
73.2335

29.6955, 15.7435,
19.3219

70.4627, 81.2522,
82.3158

■ 28.6826, 14.6719,
16.0427

■ 76.3587, 90.7320,
91.4093

■ 28.2054, 14.2547,
14.2273

■ 77.8907, 91.3449,
99.4770

■ 79.5111, 91.9930,
108.0099

■ 79.5423, 92.0055,
108.1743

Harmonies

Analogous

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



39.5394, 34.1353, 57.9513



42.1242, 34.1353, 43.3983



41.9416, 34.1353, 30.1139

Triad

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



42.1242, 34.1353, 43.3983



29.8778, 34.1353, 17.4098



26.6198, 34.1353, 59.5826

Complementary

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



42.1242, 34.1353, 43.3983



40.0772, 52.9235, 47.1352

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.



24.5017, 34.1353, 45.2446



42.1242, 34.1353, 43.3983



26.2537, 34.1353, 22.0626

Square

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



42.1242, 34.1353, 43.3983



34.5529, 34.1353, 17.1458



24.3745, 34.1353, 31.5637



30.4238, 34.1353, 68.7132

Rectangle

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



42.1242, 34.1353, 43.3983



40.2714, 34.1353, 23.6358



24.3745, 34.1353, 31.5637



25.7038, 34.1353, 55.0739

Sweetspot

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



42.1252, 34.1369, 43.3990



85.4623, 84.0015, 95.9104



37.2229, 31.1688, 63.0862



18.0244, 17.5355, 20.1562



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.



42.1252, 34.1369, 43.3990



62.9647, 47.5151, 62.1790



39.1944, 32.9646, 27.9659



12.0517, 11.9054, 13.5481



17.8183, 9.0002, 9.2154



1.0363, 0.5193, 0.7262

Inverse Universe

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



42.1252, 34.1369, 43.3990



62.9647, 47.5151, 62.1790



43.8929, 54.4498, 67.2284



12.0517, 11.9054, 13.5481



17.8183, 9.0002, 9.2154



1.0363, 0.5193, 0.7262

Previews

White Background



This preview shows how the XYZ color 42.1242, 34.1353, 43.3983 looks on a white background.

Color Contrast Check

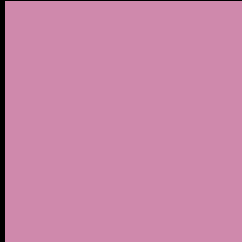
Large Text (above 18pt) WCAG AA × Fail

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 42.1242, 34.1353, 43.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

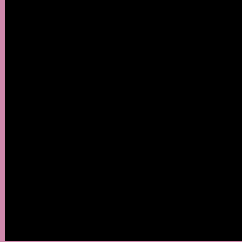
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1242, 34.1353, 43.3983

Background



This preview shows how black text looks on a background with the XYZ color 42.1242, 34.1353, 43.3983.



This preview shows how white text looks on a background with the XYZ color 42.1242, 34.1353,

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

42.1242, 34.1353, 43.3983

Protanopia

33.9508, 34.3890, 50.7473

Deuteranopia

35.0792, 34.4108, 42.3292



Tritanopia

40.2876, 34.2633, 33.7682

Trichromacy



Original Color

42.1242, 34.1353, 43.3983

Protanomaly

36.3781, 33.9922, 47.8238

Deuteranomaly

37.3740, 34.1494, 42.6519

Tritanomaly

41.0897, 34.3812, 37.2715

Monochromacy



Original Color

42.1242, 34.1353, 43.3983

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.6343, 35.0006, 40.9014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1242, 34.1353, 43.3983 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(207, 137, 172)` looks like.

```
.text, #text, p{  
    color:rgb(207, 137, 172)  
}
```

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(207, 137, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 137, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.1242, 34.1353, 43.3983 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(207, 137, 172) }
```


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

```
.border{ border-color:rgb(207, 137, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 137, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 137, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 137, 172);  
box-shadow:4px 4px 4px 4px rgb(207, 137,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1242, 34.1353, 43.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 137, 172) }
```

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

```
.background{ background-color: rgb(207,  
137, 172) }
```

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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