

Converting Colors

$Yxy(42.1103, 0.3650, 0.3207)$

Have a look what the booklet for
Yxy(42.1103, 0.3650, 0.3207)
contains.

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Color

Yxy(42.0758, 0.3653, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	DA9EA5
RGB	218, 158, 165
RGB Percent	85%, 62%, 65%
CMY	0.1452, 0.3803, 0.3529
CMYK	0.00, 0.28, 0.24, 0.15
HSL	353°, 45%, 74%
HSV	353°, 28%, 85%
XYZ	47.9273, 42.0758, 41.1968
YIQ	176.7380, 33.5130, 14.8970

Conversions

Conversions Part 2

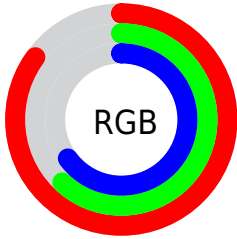
Format	Color
R_{YB}	218, 158, 165
Decimal	14327461
CIE _{Lab}	70.92, 23.30, 5.21
CIE _{LCh}	71, 23.878, 12.611
Yxy	42.0758, 0.3653, 0.3207
Android (android.graphics.Color)	4292517541 (0xFFDA9EA5)
YUV	176.7380, -5.7868, 36.1868
Hunter-Lab	64.8659, 18.3727, 7.7506

Details

The Yxy color **42.0758, 0.3653, 0.3207** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.1039, 0.2768, 0.3376**, and the grayscale version is **43.8405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0158, 0.3391, 0.3220**, and **19.1817, 0.3818, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **34.6392, 0.3934, 0.3176**, and if you desaturate by 10%, it is **50.9407, 0.3425, 0.3239**.

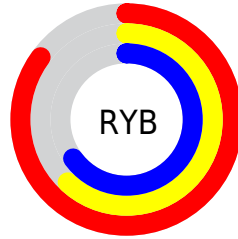
Distribution



Red (85%)

Green (62%)

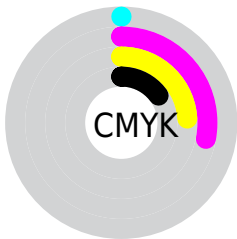
Blue (65%)



Red (85%)

Yellow (62%)

Blue (65%)

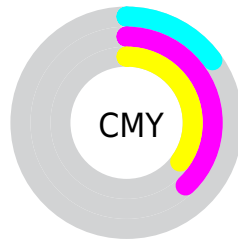


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (15%)



Cyan (15%)


Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0758, 0.3653, 0.3207 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 Yxy color 42.0758, 0.3653, 0.3207 by changing the saturation by 10% instead.

 42.0758, 0.3653,
0.3207

 42.0758, 0.3653,
0.3207


354.7971, 0.3384,
0.3253

 29.1606, 0.3722,
0.3194


 78.3143, 0.3554,
0.3225

 19.2024, 0.3812,
0.3177


 102.4065, 0.3517,
0.3231

 11.8166, 0.3934,
0.3152


130.9931, 0.3486,
0.3236

 6.6189, 0.4107,
0.3115

164.4586, 0.3460,
0.3241

 3.2249, 0.4373,
0.3054

203.1874, 0.3437,
0.3244

 1.2503, 0.4830,
0.2935

247.5638, 0.3417,

 0.1022, 0.8670,

0.3248

0.1330

297.9722, 0.3399,
0.3250

0.0000, 0.0000,
0.0000

42.0758, 0.3653,
0.3207

42.0758, 0.3653,
0.3207

34.6392, 0.3934,
0.3176

50.9407, 0.3425,
0.3239

28.5507, 0.4275,
0.3148

61.2971, 0.3241,
0.3269

23.7311, 0.4673,
0.3128

73.2113, 0.3093,
0.3297

20.0905, 0.5112,
0.3121

86.7441, 0.2974,
0.3323

17.5271, 0.5555,
0.3134

93.6419, 0.2906,
0.3289

■ 15.9221, 0.5944,
0.3169

■ 15.1147, 0.6221,
0.3220

■ 14.9739, 0.6274,
0.3230

Harmonies

Analogous

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



42.0758, 0.3350, 0.2953



42.0758, 0.3653, 0.3207



42.0758, 0.3808, 0.3492

Triad

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



42.0758, 0.3653, 0.3207



42.0758, 0.3225, 0.3874



42.0758, 0.2519, 0.2807

Complementary

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



42.0758, 0.3653, 0.3207



62.1039, 0.2768, 0.3376

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.



42.0758, 0.2491, 0.3027



42.0758, 0.3653, 0.3207



42.0758, 0.2886, 0.3666

Square

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



42.0758, 0.3653, 0.3207



42.0758, 0.3550, 0.3895



42.0758, 0.2621, 0.3344



42.0758, 0.2699, 0.2724

Rectangle

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



42.0758, 0.3653, 0.3207



42.0758, 0.3803, 0.3669



42.0758, 0.2621, 0.3344



42.0758, 0.2492, 0.2866

Sweetspot

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



42.0778, 0.3653, 0.3207



86.5611, 0.3250, 0.3267



43.3658, 0.3097, 0.2596



18.0215, 0.3276, 0.3263



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.0778, 0.3653, 0.3207



53.6517, 0.3809, 0.3189



50.4190, 0.3650, 0.3566



13.0761, 0.3273, 0.3263



8.9812, 0.6251, 0.3217



0.5903, 0.5909, 0.3029

Inverse Universe

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



42.0778, 0.3653, 0.3207



53.6517, 0.3809, 0.3189



51.3579, 0.2699, 0.2996



13.0761, 0.3273, 0.3263



8.9812, 0.6251, 0.3217



0.5903, 0.5909, 0.3029

Previews

White Background



This preview shows how the Yxy color 42.0758, 0.3653, 0.3207 looks on a white background.

Color Contrast Check

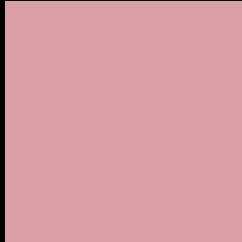
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.0758, 0.3653, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

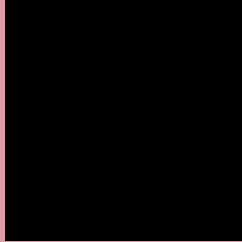
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0758, 0.3653, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 42.0758, 0.3653, 0.3207.



This preview shows how white text looks on a background with the Yxy color 42.0758, 0.3653, 0.3207.

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

42.0758, 0.3653, 0.3207

Protanopia

42.2514, 0.3163, 0.3290

Deuteranopia

42.2517, 0.3425, 0.3356



Tritanopia

41.8839, 0.3616, 0.3147

Trichromacy



Original Color

42.0758, 0.3653, 0.3207

Protanomaly

42.1140, 0.3333, 0.3265

Deuteranomaly

41.9278, 0.3501, 0.3291

Tritanomaly

41.8465, 0.3626, 0.3159

Monochromacy



Original Color

42.0758, 0.3653, 0.3207

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.9730, 0.3303, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0758, 0.3653, 0.3207 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(218, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(218, 158, 165)  
}
```

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(218, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 158, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.0758, 0.3653, 0.3207 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(218, 158, 165) }
```

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

```
.border{ border-color:rgb(218, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(218, 158,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0758, 0.3653, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 158, 165) }
```

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

```
.background{ background-color: rgb(218,  
158, 165) }
```

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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