

Converting Colors

$Yxy(42.6914, 0.3667, 0.3255)$

Have a look what the booklet for
Yxy(42.6914, 0.3667, 0.3255)
contains.

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Color

Yxy(42.6914, 0.3667, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	DAA0A3
RGB	218, 160, 163
RGB Percent	85%, 63%, 64%
CMY	0.1451, 0.3725, 0.3607
CMYK	0.00, 0.27, 0.25, 0.15
HSL	357°, 44%, 74%
HSV	357°, 27%, 85%
XYZ	48.0950, 42.6914, 40.3699
YIQ	177.6840, 33.6050, 13.2290

Conversions

Conversions Part 2

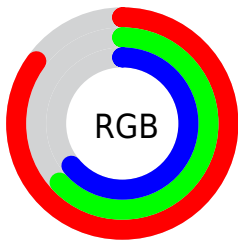
Format	Color
R_{YB}	218, 160, 163
Decimal	14327971
CIE Lab	71.35, 21.95, 6.91
CIE LCh	71, 23.011, 17.488
Yxy	42.6914, 0.3667, 0.3255
Android (android.graphics.Color)	4292518051 (0xFFDAA0A3)
YUV	177.6840, -7.2392, 35.3571
Hunter-Lab	65.3387, 17.0492, 9.1043

Details

The Yxy color **42.6914, 0.3667, 0.3255** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5166, 0.2758, 0.3326**, and the grayscale version is **44.3726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9228, 0.3403, 0.3261**, and **19.5542, 0.3837, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **35.1047, 0.3965, 0.3242**, and if you desaturate by 10%, it is **51.7282, 0.3426, 0.3269**.

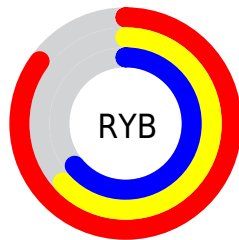
Distribution



Red (85%)

Green (63%)

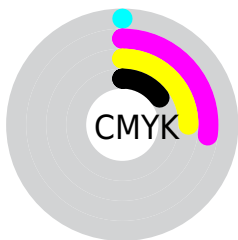
Blue (64%)



Red (85%)

Yellow (63%)

Blue (64%)

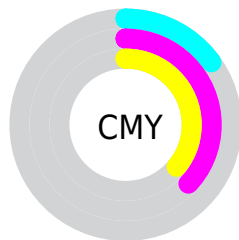


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6914, 0.3667, 0.3255 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 42.6914, 0.3667, 0.3255 by changing the saturation by 10% instead.

 42.6914, 0.3667,
0.3255


 42.6914, 0.3667,
0.3255


357.3411, 0.3391,
0.3277

 29.6431, 0.3738,
0.3248


 79.2450, 0.3565,
0.3264

 19.5678, 0.3830,
0.3238


 103.5190, 0.3528,
0.3267

 12.0813, 0.3954,
0.3223


132.3037, 0.3496,
0.3270

 6.7991, 0.4131,
0.3199

165.9834, 0.3469,
0.3272

 3.3368, 0.4401,
0.3156

204.9427, 0.3445,
0.3274

 1.3100, 0.4864,
0.3066

249.5658, 0.3425,

 0.1489, 0.8198,

0.3275

0.1802

300.2371, 0.3407,
0.3276

0.0000, 0.0000,
0.0000

42.6914, 0.3667,
0.3255

42.6914, 0.3667,
0.3255

35.1047, 0.3965,
0.3242

51.7282, 0.3426,
0.3269

28.8871, 0.4327,
0.3230

62.2788, 0.3233,
0.3282

23.9587, 0.4749,
0.3222

74.4102, 0.3078,
0.3294

20.2291, 0.5213,
0.3220

88.1838, 0.2954,
0.3305

17.5959, 0.5670,
0.3228

93.6439, 0.2906,
0.3289

■ 15.9400, 0.6054,
0.3247

■ 15.1098, 0.6301,
0.3272

■ 14.9290, 0.6356,
0.3275

Harmonies

Analogous

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



42.6914, 0.3395, 0.3002



42.6914, 0.3667, 0.3255



42.6914, 0.3787, 0.3529

Triad

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



42.6914, 0.3667, 0.3255



42.6914, 0.3168, 0.3827



42.6914, 0.2561, 0.2805

Complementary

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



42.6914, 0.3667, 0.3255



62.5166, 0.2758, 0.3326

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.



42.6914, 0.2510, 0.2996



42.6914, 0.3667, 0.3255



42.6914, 0.2848, 0.3604

Square

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



42.6914, 0.3667, 0.3255



42.6914, 0.3488, 0.3879



42.6914, 0.2611, 0.3290



42.6914, 0.2757, 0.2746

Rectangle

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



42.6914, 0.3667, 0.3255



42.6914, 0.3761, 0.3692



42.6914, 0.2611, 0.3290



42.6914, 0.2527, 0.2854

Sweetspot

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



42.6934, 0.3667, 0.3255



86.4845, 0.3259, 0.3280



44.5204, 0.3124, 0.2624



18.0024, 0.3286, 0.3278



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.



42.6934, 0.3667, 0.3255



54.5013, 0.3829, 0.3247



52.1958, 0.3620, 0.3590



13.0625, 0.3283, 0.3278



8.9497, 0.6342, 0.3267



0.5838, 0.6168, 0.3171

Inverse Universe

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



42.6934, 0.3667, 0.3255



54.5013, 0.3829, 0.3247



50.6156, 0.2710, 0.2969



13.0625, 0.3283, 0.3278



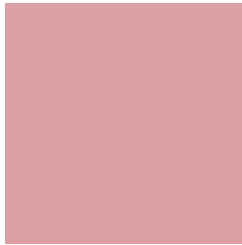
8.9497, 0.6342, 0.3267



0.5838, 0.6168, 0.3171

Previews

White Background



This preview shows how the Yxy color 42.6914, 0.3667, 0.3255 looks on a white background.

Color Contrast Check

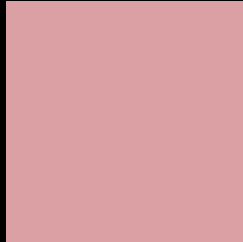
Large Text (above 18pt) WCAG AA × Fail

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 42.6914, 0.3667, 0.3255 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 42.6914, 0.3667, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 42.6914, 0.3667, 0.3255.



This preview shows how white text looks on a background with the Yxy color 42.6914, 0.3667, 0.3255.

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

42.6914, 0.3667, 0.3255

Protanopia

42.7961, 0.3197, 0.3331

Deuteranopia

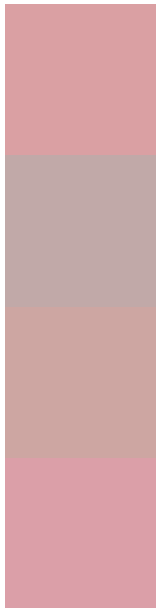
42.8195, 0.3460, 0.3394



Tritanopia

42.7966, 0.3601, 0.3148

Trichromacy



Original Color

42.6914, 0.3667, 0.3255

Protanomaly

42.5405, 0.3359, 0.3304

Deuteranomaly

42.8602, 0.3535, 0.3342

Tritanomaly

42.6835, 0.3631, 0.3183

Monochromacy



Original Color

42.6914, 0.3667, 0.3255

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.4804, 0.3311, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6914, 0.3667, 0.3255 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, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 160, 163)  
}
```

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, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 160, 163) }
```

Border

The CSS property to change the border of an element to Yxy 42.6914, 0.3667, 0.3255 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, 160, 163) }
```

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

```
.border{ border-color:rgb(218, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(218, 160,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6914, 0.3667, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 160, 163) }
```

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

```
.background{ background-color: rgb(218,  
160, 163) }
```

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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