

Converting Colors

$Y_{xy}(42.5542, 0.3693, 0.3219)$

Have a look what the booklet for
Yxy(42.5542, 0.3693, 0.3219)
contains.

Yxy(42.5062, 0.3693, 0.3220)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.5062, 0.3693, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	DD9EA4
RGB	221, 158, 164
RGB Percent	87%, 62%, 64%
CMY	0.1333, 0.3804, 0.3569
CMYK	0.00, 0.29, 0.26, 0.13
HSL	354°, 48%, 74%
HSV	354°, 29%, 87%
XYZ	48.7501, 42.5062, 40.7505
YIQ	177.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

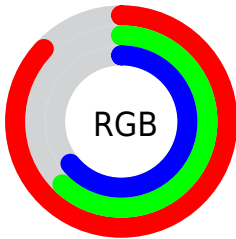
Format	Color
RYB	221, 158, 164
Decimal	14524068
CIELab	71.22, 24.29, 6.25
CIELCh	71, 25.084, 14.420
Yxy	42.5062, 0.3693, 0.3220
Android (android.graphics.Color)	4292714148 (0xFFDD9EA4)
YUV	177.5210, -6.6659, 38.1311
Hunter-Lab	65.1968, 19.3769, 8.5792

Details

The Yxy color **42.5062, 0.3693, 0.3220** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.9007, 0.2749, 0.3363**, and the grayscale version is **44.2776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9630, 0.3399, 0.3230**, and **19.4773, 0.3873, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **34.9675, 0.3988, 0.3195**, and if you desaturate by 10%, it is **51.5184, 0.3453, 0.3246**.

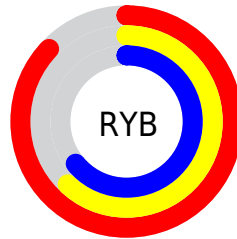
Distribution



Red (87%)

Green (62%)

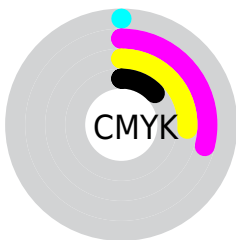
Blue (64%)



Red (87%)

Yellow (62%)

Blue (64%)

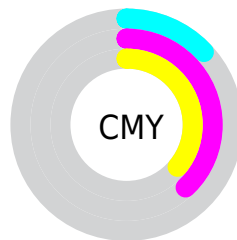


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5062, 0.3693, 0.3220 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 42.5062, 0.3693, 0.3220 by changing the saturation by 10% instead.


 42.5062, 0.3693,
0.3220


 42.5062, 0.3693,
0.3220


356.5771, 0.3404,
0.3260

 29.4979, 0.3767,
0.3208


 78.9652, 0.3586,
0.3236

 19.4578, 0.3864,
0.3193


 103.1846, 0.3547,
0.3241

 12.0015, 0.3994,
0.3170


131.9098, 0.3514,
0.3246

 6.7447, 0.4179,
0.3135

165.5253, 0.3485,
0.3250

 3.3030, 0.4462,
0.3075

204.4153, 0.3461,
0.3253

 1.2919, 0.4945,
0.2958

248.9644, 0.3439,

 0.1349, 0.8424,

0.3256

0.1576

299.5568, 0.3420,
0.3258

0.0000, 0.0000,
0.0000

42.5062, 0.3693,
0.3220

42.5062, 0.3693,
0.3220

34.9675, 0.3988,
0.3195

51.5184, 0.3453,
0.3246

28.8183, 0.4344,
0.3173

62.0704, 0.3261,
0.3270

23.9755, 0.4758,
0.3158

74.2316, 0.3106,
0.3293

20.3443, 0.5210,
0.3155

88.0654, 0.2982,
0.3314

17.8176, 0.5654,
0.3170

94.1154, 0.2923,
0.3289

■ 16.2690, 0.6029,
0.3202

■ 15.5125, 0.6280,
0.3244

■ 15.4296, 0.6308,
0.3248

Harmonies

Analogous

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



42.5062, 0.3382, 0.2952



42.5062, 0.3693, 0.3220



42.5062, 0.3844, 0.3517

Triad

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



42.5062, 0.3693, 0.3220



42.5062, 0.3207, 0.3895



42.5062, 0.2499, 0.2776

Complementary

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



42.5062, 0.3693, 0.3220



63.9007, 0.2749, 0.3363

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.



42.5062, 0.2460, 0.2996



42.5062, 0.3693, 0.3220



42.5062, 0.2855, 0.3666

Square

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



42.5062, 0.3693, 0.3220



42.5062, 0.3551, 0.3928



42.5062, 0.2586, 0.3324



42.5062, 0.2695, 0.2699

Rectangle

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



42.5062, 0.3693, 0.3220



42.5062, 0.3830, 0.3700



42.5062, 0.2586, 0.3324



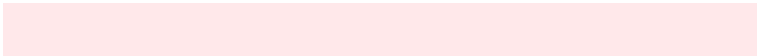
42.5062, 0.2467, 0.2834

Sweetspot

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



42.5082, 0.3693, 0.3220



84.9552, 0.3270, 0.3269



44.0790, 0.3105, 0.2571



17.7004, 0.3296, 0.3265



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.



42.5082, 0.3693, 0.3220



52.5322, 0.3856, 0.3205



51.7963, 0.3670, 0.3589



13.0715, 0.3277, 0.3268



8.9688, 0.6286, 0.3237



0.5881, 0.5993, 0.3075

Inverse Universe

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



42.5082, 0.3693, 0.3220



52.5322, 0.3856, 0.3205



51.8853, 0.2682, 0.2970



13.0715, 0.3277, 0.3268



8.9688, 0.6286, 0.3237



0.5881, 0.5993, 0.3075

Previews

White Background



This preview shows how the Yxy color 42.5062, 0.3693, 0.3220 looks on a white background.

Color Contrast Check

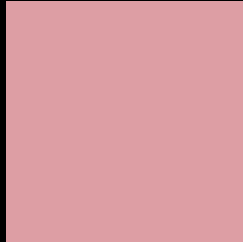
Large Text (above 18pt) WCAG AA × Fail

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 42.5062, 0.3693, 0.3220 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 42.5062, 0.3693, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 42.5062, 0.3693, 0.3220.



This preview shows how white text looks on a background with the Yxy color 42.5062, 0.3693, 0.3220.

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

42.5062, 0.3693, 0.3220

Protanopia

42.7542, 0.3171, 0.3304

Deuteranopia

42.7203, 0.3441, 0.3382



Tritanopia

42.5081, 0.3655, 0.3149

Trichromacy



Original Color

42.5062, 0.3693, 0.3220

Protanomaly

42.3769, 0.3352, 0.3265

Deuteranomaly

42.5337, 0.3528, 0.3316

Tritanomaly

42.4336, 0.3675, 0.3173

Monochromacy



Original Color

42.5062, 0.3693, 0.3220

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6123, 0.3320, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5062, 0.3693, 0.3220 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(221, 158, 164)` looks like.

```
.text, #text, p{  
    color:rgb(221, 158, 164)  
}
```

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(221, 158, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 158, 164) }
```

Border

The CSS property to change the border of an element to Yxy 42.5062, 0.3693, 0.3220 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(221, 158, 164) }
```

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

```
.border{ border-color:rgb(221, 158, 164) }
```

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

Here you see how a box with a 4 pixel rgb(221, 158, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 158, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 158, 164);  
box-shadow:4px 4px 4px 4px rgb(221, 158,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5062, 0.3693, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 158, 164) }
```

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

```
.background{ background-color: rgb(221,  
158, 164) }
```

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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