

Converting Colors

$Yxy(42.0174, 0.3541, 0.3199)$

Have a look what the booklet for
Yxy(42.0174, 0.3541, 0.3199)
contains.

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Color

Yxy(42.0185, 0.3538, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	D2A1A8
RGB	210, 161, 168
RGB Percent	82%, 63%, 66%
CMY	0.1766, 0.3686, 0.3413
CMYK	0.00, 0.23, 0.20, 0.18
HSL	351°, 35%, 73%
HSV	351°, 23%, 82%
XYZ	46.3842, 42.0185, 42.7002
YIQ	176.4490, 26.9570, 12.5650

Conversions

Conversions Part 2

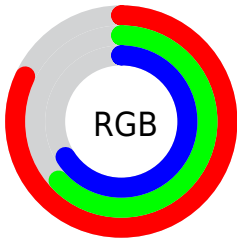
Format	Color
R _Y B	210, 161, 168
Decimal	13803944
CIE Lab	70.88, 19.15, 3.41
CIE LCh	71, 19.455, 10.084
Yxy	42.0185, 0.3538, 0.3205
Android (android.graphics.Color)	4291994024 (0xFFD2A1A8)
YUV	176.4490, -4.1654, 29.4242
Hunter-Lab	64.8217, 14.2907, 6.3188

Details

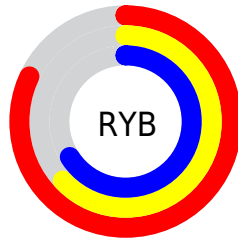
The Yxy color $42.0185, 0.3538, 0.3205$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $57.9729, 0.2827, 0.3378$, and the grayscale version is $43.6740, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6994, 0.3366, 0.3220$, and $19.1668, 0.3668, 0.3175$ is the 20% darker color. If you saturate the color by 10%, you get $34.6611, 0.3787, 0.3167$, and if you desaturate by 10%, it is $50.7051, 0.3336, 0.3243$.

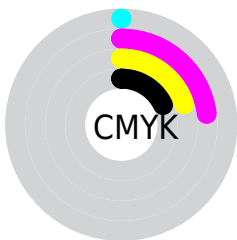
Distribution



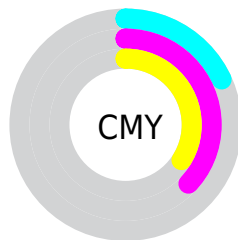
- Red (82%)
- Green (63%)
- Blue (66%)



- Red (82%)
- Yellow (63%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0185, 0.3538, 0.3205 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 42.0185, 0.3538, 0.3205 by changing the saturation by 10% instead.


 42.0185, 0.3538,
0.3205


 42.0185, 0.3538,
0.3205


354.5596, 0.3328,
0.3250

 29.1158, 0.3592,
0.3193


 78.2276, 0.3461,
0.3222

 19.1684, 0.3662,
0.3177


 102.3028, 0.3432,
0.3228

 11.7920, 0.3757,
0.3154

130.8710, 0.3408,
0.3233

 6.6022, 0.3892,
0.3121

164.3164, 0.3387,
0.3238

 3.2146, 0.4101,
0.3067

203.0236, 0.3369,
0.3242

 1.2448, 0.4463,
0.2967

247.3770, 0.3354,

 0.0978, 0.8514,

0.3245

0.1486

297.7608, 0.3340,
0.3248

0.0000, 0.0000,
0.0000

42.0185, 0.3538,
0.3205

42.0185, 0.3538,
0.3205

34.6611, 0.3787,
0.3167

50.7051, 0.3336,
0.3243

28.5618, 0.4091,
0.3130

60.7759, 0.3174,
0.3279

23.6517, 0.4453,
0.3100

72.2899, 0.3043,
0.3312

19.8529, 0.4864,
0.3082

85.3009, 0.2937,
0.3342

17.0782, 0.5302,
0.3084

92.4381, 0.2860,
0.3289

■ 15.2273, 0.5719,
0.3111

■ 14.1795, 0.6058,
0.3164

■ 13.7911, 0.6224,
0.3203

Harmonies

Analogous

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



42.0185, 0.3287, 0.2997



42.0185, 0.3538, 0.3205



42.0185, 0.3676, 0.3441

Triad

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



42.0185, 0.3538, 0.3205



42.0185, 0.3234, 0.3768



42.0185, 0.2619, 0.2908

Complementary

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



42.0185, 0.3538, 0.3205



57.9729, 0.2827, 0.3378

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.



42.0185, 0.2608, 0.3099



42.0185, 0.3538, 0.3205



42.0185, 0.2954, 0.3612

Square

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



42.0185, 0.3538, 0.3205



42.0185, 0.3494, 0.3778



42.0185, 0.2728, 0.3359



42.0185, 0.2760, 0.2826

Rectangle

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



42.0185, 0.3538, 0.3205



42.0185, 0.3682, 0.3588



42.0185, 0.2728, 0.3359



42.0185, 0.2601, 0.2960

Sweetspot

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



42.0204, 0.3538, 0.3205



88.1880, 0.3231, 0.3266



42.7929, 0.3089, 0.2703



18.6690, 0.3240, 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.



42.0204, 0.3538, 0.3205



59.2589, 0.3656, 0.3186



48.1738, 0.3559, 0.3502



11.8352, 0.3268, 0.3257



8.4234, 0.6198, 0.3188



0.4800, 0.5763, 0.2948

Inverse Universe

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



42.0204, 0.3538, 0.3205



59.2589, 0.3656, 0.3186



50.3004, 0.2767, 0.3068



11.8352, 0.3268, 0.3257



8.4234, 0.6198, 0.3188



0.4800, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 42.0185, 0.3538, 0.3205 looks on a white background.

Color Contrast Check

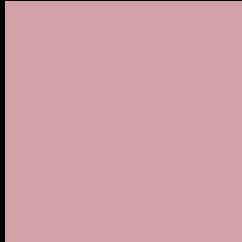
Large Text (above 18pt) WCAG AA × Fail

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 42.0185, 0.3538, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

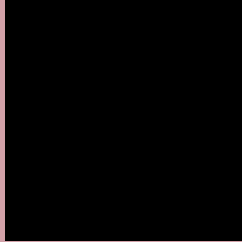
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0185, 0.3538, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 42.0185, 0.3538, 0.3205.



This preview shows how white text looks on a background with the Yxy color 42.0185, 0.3538, 0.3205.

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

42.0185, 0.3538, 0.3205

Protanopia

42.2124, 0.3137, 0.3263

Deuteranopia

42.1327, 0.3369, 0.3304



Tritanopia

42.0076, 0.3502, 0.3131

Trichromacy



Original Color

42.0185, 0.3538, 0.3205

Protanomaly

42.0459, 0.3276, 0.3251

Deuteranomaly

41.8424, 0.3432, 0.3265

Tritanomaly

41.9308, 0.3521, 0.3156

Monochromacy



Original Color

42.0185, 0.3538, 0.3205

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8343, 0.3265, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0185, 0.3538, 0.3205 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(210, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(210, 161, 168)  
}
```

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(210, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 161, 168) }
```

Border

The CSS property to change the border of an element to Yxy 42.0185, 0.3538, 0.3205 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(210, 161, 168) }
```

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

```
.border{ border-color:rgb(210, 161, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 161, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 161, 168);  
box-shadow:4px 4px 4px 4px rgb(210, 161,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0185, 0.3538, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 161, 168) }
```

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

```
.background{ background-color: rgb(210,  
161, 168) }
```

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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