

Converting Colors

Yxy(58.5079, 0.3441, 0.3523)

Have a look what the booklet for
Yxy(58.5079, 0.3441, 0.3523)
contains.

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Color

Yxy(58.5079, 0.3441, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	DAC6B2
RGB	218, 198, 178
RGB Percent	85%, 78%, 70%
CMY	0.1451, 0.2235, 0.3018
CMYK	0.00, 0.09, 0.18, 0.15
HSL	30°, 35%, 78%
HSV	30°, 18%, 85%
XYZ	57.1461, 58.5079, 50.4201
YIQ	201.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

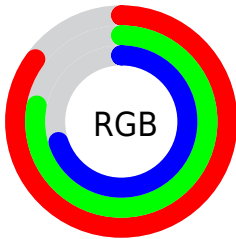
Format	Color
R_{YB}	218, 218, 178
Decimal	14337714
CIE _{Lab}	81.02, 3.82, 12.55
CIE _{LCh}	81, 13.113, 73.083
Yxy	58.5079, 0.3441, 0.3523
Android (android.graphics.Color)	4292527794 (0xFFDAC6B2)
YUV	201.7000, -11.6841, 14.2951
Hunter-Lab	76.4905, -0.5008, 14.4612

Details

The Yxy color **58.5079, 0.3441, 0.3523** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9358, 0.2840, 0.3045**, and the grayscale version is **58.9343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **29.2137, 0.3530, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **52.8940, 0.3646, 0.3658**, and if you desaturate by 10%, it is **64.6254, 0.3260, 0.3393**.

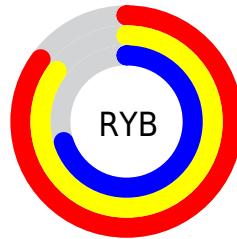
Distribution



Red (85%)

Green (78%)

Blue (70%)



Red (85%)

Yellow (85%)

Blue (70%)

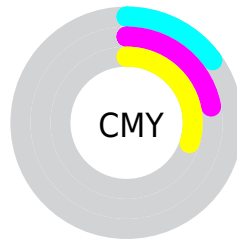


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (15%)



Cyan (15%)


Magenta (22%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5079, 0.3441, 0.3523 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 58.5079, 0.3441, 0.3523 by changing the saturation by 10% instead.


 58.5079, 0.3441,
0.3523

 58.5079, 0.3441,
0.3523

419.0758, 0.3289,
0.3412

 42.2171, 0.3477,
0.3549

 102.6621, 0.3387,
0.3484

 29.2713, 0.3523,
0.3582


131.2943, 0.3367,
0.3469

 19.2862, 0.3582,
0.3623

164.8091, 0.3349,
0.3456

 11.8772, 0.3662,
0.3679

203.5909, 0.3334,
0.3445

 6.6601, 0.3775,
0.3756

248.0241, 0.3321,
0.3435

 3.2505, 0.3947,
0.3868

298.4930, 0.3309,

 1.2639, 0.4355,

0.3427

0.4160

355.3821, 0.3299,
0.3419

0.1130, 0.6396,
0.3604

0.0000, 0.0000,
0.0000

58.5079, 0.3441,
0.3523

58.5079, 0.3441,
0.3523

52.8940, 0.3646,
0.3658

64.6254, 0.3260,
0.3393

47.7619, 0.3876,
0.3793

71.2521, 0.3102,
0.3270

43.0992, 0.4128,
0.3921

78.4034, 0.2965,
0.3156

38.8903, 0.4398,
0.4033

85.4145, 0.2901,
0.3152

■ 35.1181, 0.4675,
0.4116

■ 92.0904, 0.2905,
0.3264

■ 31.7642, 0.4944,
0.4159

■ 93.6453, 0.2906,
0.3289

■ 28.8082, 0.5187,
0.4150

■ 26.2235, 0.5391,
0.4088

■ 25.8234, 0.5424,
0.4075

Harmonies

Analogous

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



58.5079, 0.3460, 0.3401



58.5079, 0.3441, 0.3523



58.5079, 0.3337, 0.3586

Triad

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



58.5079, 0.3441, 0.3523



58.5079, 0.2873, 0.3318



58.5079, 0.3070, 0.3031

Complementary

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



58.5079, 0.3441, 0.3523



54.9358, 0.2840, 0.3045

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.



58.5079, 0.2917, 0.3004



58.5079, 0.3441, 0.3523



58.5079, 0.2806, 0.3165

Square

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



58.5079, 0.3441, 0.3523



58.5079, 0.3008, 0.3468



58.5079, 0.2821, 0.3051



58.5079, 0.3242, 0.3121

Rectangle

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



58.5079, 0.3441, 0.3523



58.5079, 0.3234, 0.3584



58.5079, 0.2821, 0.3051



58.5079, 0.3014, 0.3014

Sweetspot

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



58.5105, 0.3441, 0.3523



95.2024, 0.3206, 0.3352



50.8703, 0.3305, 0.3051



20.2361, 0.3217, 0.3361



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.



58.5105, 0.3441, 0.3523



80.2770, 0.3517, 0.3575



67.9190, 0.3403, 0.3737



14.1209, 0.3279, 0.3407



15.6863, 0.5401, 0.4093



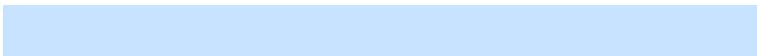
1.1886, 0.5152, 0.4291

Inverse Universe

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



54.9358, 0.2840, 0.3045



74.2719, 0.2777, 0.2987



46.6533, 0.2826, 0.2800



13.6884, 0.2982, 0.3170



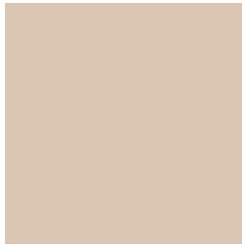
9.8121, 0.1774, 0.1587



0.8080, 0.1856, 0.1882

Previews

White Background



This preview shows how the Yxy color 58.5079, 0.3441, 0.3523 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 58.5079, 0.3441, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

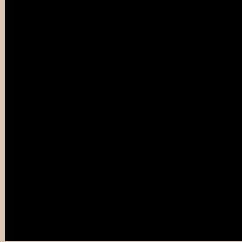
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

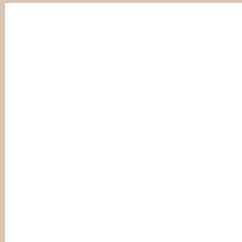
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5079, 0.3441, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 58.5079, 0.3441, 0.3523.



This preview shows how white text looks on a background with the Yxy color 58.5079, 0.3441, 0.3523.

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

58.5079, 0.3441, 0.3523

Protanopia

58.7296, 0.3362, 0.3551

Deuteranopia

58.4963, 0.3534, 0.3461



Tritanopia

58.7166, 0.3239, 0.3122

Trichromacy



Original Color

58.5079, 0.3441, 0.3523

Protanomaly

58.7094, 0.3388, 0.3538

Deuteranomaly

58.2924, 0.3498, 0.3474

Tritanomaly

58.4796, 0.3315, 0.3256

Monochromacy



Original Color

58.5079, 0.3441, 0.3523

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0334, 0.3241, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5079, 0.3441, 0.3523 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, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 178)  
}
```

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, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 178) }
```

Border

The CSS property to change the border of an element to Yxy 58.5079, 0.3441, 0.3523 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, 198, 178) }
```

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

```
.border{ border-color:rgb(218, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(218, 198,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5079, 0.3441, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 178) }
```

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

```
.background{ background-color: rgb(218,  
198, 178) }
```

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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