

Converting Colors

Yxy(60.3322, 0.3380, 0.3515)

Have a look what the booklet for
Yxy(60.3322, 0.3380, 0.3515)
contains.

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Color

Yxy(60.2589, 0.3379, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	D8CAB7
RGB	216, 202, 183
RGB Percent	85%, 79%, 72%
CMY	0.1528, 0.2079, 0.2823
CMYK	0.00, 0.06, 0.15, 0.15
HSL	35°, 30%, 78%
HSV	35°, 15%, 85%
XYZ	57.9934, 60.2589, 53.3766
YIQ	204.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

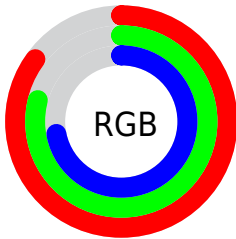
Format	Color
RYB	207, 216, 183
Decimal	14207671
CIELab	81.98, 1.76, 11.23
CIELCh	82, 11.368, 81.092
Yxy	60.2589, 0.3379, 0.3511
Android (android.graphics.Color)	4292397751 (0xFFD8CAB7)
YUV	204.0200, -10.3629, 10.5065
Hunter-Lab	77.6266, -2.4925, 13.5704

Details

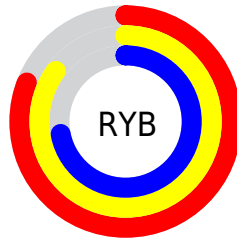
The Yxy color **60.2589, 0.3379, 0.3511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9780, 0.2888, 0.3059**, and the grayscale version is **60.4605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **30.3686, 0.3444, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **55.2491, 0.3569, 0.3664**, and if you desaturate by 10%, it is **65.6685, 0.3209, 0.3364**.

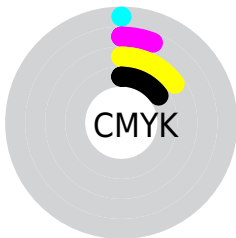
Distribution



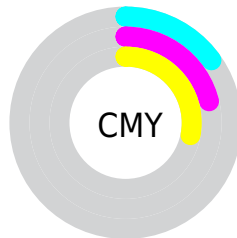
- Red (85%)
- Green (79%)
- Blue (72%)



- Red (81%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (15%)





- Cyan (15%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2589, 0.3379, 0.3511 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 60.2589, 0.3379, 0.3511 by changing the saturation by 10% instead.

 60.2589, 0.3379,
0.3511

 60.2589, 0.3379,
0.3511

425.5514, 0.3258,
0.3406

 43.6273, 0.3408,
0.3536


 105.2051, 0.3336,
0.3474

 30.3777, 0.3444,
0.3567


134.2886, 0.3320,
0.3460

 20.1254, 0.3490,
0.3607

168.2915, 0.3306,
0.3447

 12.4862, 0.3553,
0.3660

207.5983, 0.3294,
0.3437

 7.0757, 0.3641,
0.3734

252.5932, 0.3283,
0.3428

 3.5095, 0.3774,
0.3845

303.6608, 0.3274,

 1.4032, 0.4032,

0.3419

0.4061

361.1854, 0.3266,
0.3412

0.2191, 0.5342,
0.4658

0.0000, 0.0000,
0.0000

60.2589, 0.3379,
0.3511

60.2589, 0.3379,
0.3511

55.2491, 0.3569,
0.3664

65.6685, 0.3209,
0.3364

50.6203, 0.3779,
0.3818

71.4800, 0.3059,
0.3226

46.3639, 0.4007,
0.3967

77.7058, 0.2926,
0.3097

42.4679, 0.4247,
0.4102

83.3915, 0.2888,
0.3121

■ 38.9193, 0.4491,
0.4212

■ 88.8959, 0.2892,
0.3217

■ 35.7041, 0.4728,
0.4284

■ 93.3435, 0.2894,
0.3289

■ 32.8065, 0.4943,
0.4309

■ 30.2082, 0.5124,
0.4279

■ 29.0749, 0.5201,
0.4252

Harmonies

Analogous

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



60.2589, 0.3416, 0.3418



60.2589, 0.3379, 0.3511



60.2589, 0.3274, 0.3547

Triad

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



60.2589, 0.3379, 0.3511



60.2589, 0.2887, 0.3278



60.2589, 0.3118, 0.3082

Complementary

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



60.2589, 0.3379, 0.3511



54.9780, 0.2888, 0.3059

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.



60.2589, 0.2978, 0.3044



60.2589, 0.3379, 0.3511



60.2589, 0.2847, 0.3153

Square

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



60.2589, 0.3379, 0.3511



60.2589, 0.2990, 0.3411



60.2589, 0.2880, 0.3068



60.2589, 0.3263, 0.3173

Rectangle

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



60.2589, 0.3379, 0.3511



60.2589, 0.3181, 0.3531



60.2589, 0.2880, 0.3068



60.2589, 0.3068, 0.3063

Sweetspot

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



60.2616, 0.3379, 0.3511



95.7973, 0.3205, 0.3361



52.5185, 0.3294, 0.3124



20.3807, 0.3217, 0.3371



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.



60.2616, 0.3379, 0.3511



85.5683, 0.3432, 0.3555



66.8164, 0.3338, 0.3669



13.5947, 0.3277, 0.3424



17.4222, 0.5182, 0.4268



1.2134, 0.4965, 0.4439

Inverse Universe

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



54.9780, 0.2888, 0.3059



76.6108, 0.2840, 0.3010



49.1688, 0.2898, 0.2885



12.8676, 0.2982, 0.3152



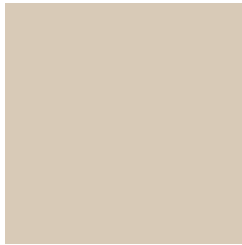
7.6480, 0.1708, 0.1347



0.6234, 0.1802, 0.1688

Previews

White Background



This preview shows how the Yxy color 60.2589, 0.3379, 0.3511 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 60.2589, 0.3379, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

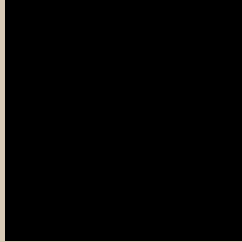
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

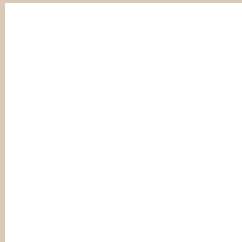
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2589, 0.3379, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 60.2589, 0.3379, 0.3511.



This preview shows how white text looks on a background with the Yxy color 60.2589, 0.3379, 0.3511.

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

60.2589, 0.3379, 0.3511

Protanopia

60.1696, 0.3337, 0.3513

Deuteranopia

60.3821, 0.3504, 0.3436



Tritanopia

60.4079, 0.3190, 0.3122

Trichromacy



Original Color

60.2589, 0.3379, 0.3511

Protanomaly

60.3187, 0.3345, 0.3512

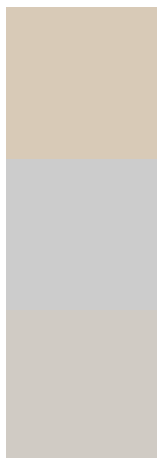
Deuteranomaly

60.4763, 0.3459, 0.3461

Tritanomaly

60.1712, 0.3263, 0.3256

Monochromacy



Original Color

60.2589, 0.3379, 0.3511

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1073, 0.3216, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2589, 0.3379, 0.3511 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(216, 202, 183)` looks like.

```
.text, #text, p{  
    color:rgb(216, 202, 183)  
}
```

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(216, 202, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 202, 183) }
```

Border

The CSS property to change the border of an element to Yxy 60.2589, 0.3379, 0.3511 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(216, 202, 183) }
```

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

```
.border{ border-color:rgb(216, 202, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 202, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 202, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 202, 183);  
box-shadow:4px 4px 4px 4px rgb(216, 202,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2589, 0.3379, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 202, 183) }
```

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

```
.background{ background-color: rgb(216,  
202, 183) }
```

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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