

Converting Colors

$Yxy(60.2282, 0.3364, 0.3401)$

Have a look what the booklet for
Yxy(60.2282, 0.3364, 0.3401)
contains.

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Color

Yxy(60.2419, 0.3361, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	DCC8BE
RGB	220, 200, 190
RGB Percent	86%, 78%, 75%
CMY	0.1373, 0.2157, 0.2548
CMYK	0.00, 0.09, 0.14, 0.14
HSL	20°, 30%, 80%
HSV	20°, 14%, 86%
XYZ	59.4634, 60.2419, 57.2165
YIQ	204.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

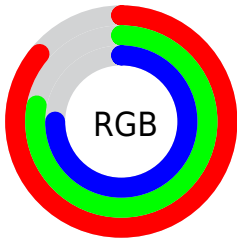
Format	Color
R _Y B	220, 205, 190
Decimal	14469310
CIE Lab	81.97, 5.35, 7.52
CIE LCh	82, 9.231, 54.555
Yxy	60.2419, 0.3361, 0.3405
Android (android.graphics.Color)	4292659390 (0xFFDCC8BE)
YUV	204.8400, -7.3161, 13.2953
Hunter-Lab	77.6157, 0.9263, 10.6237

Details

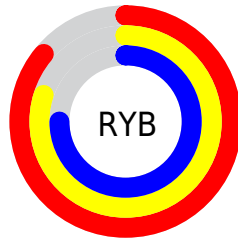
The Yxy color **60.2419, 0.3361, 0.3405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2106, 0.2917, 0.3172**, and the grayscale version is **60.9851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **30.3632, 0.3421, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **52.8823, 0.3569, 0.3495**, and if you desaturate by 10%, it is **68.4038, 0.3184, 0.3320**.

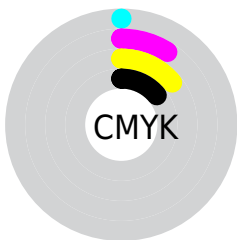
Distribution



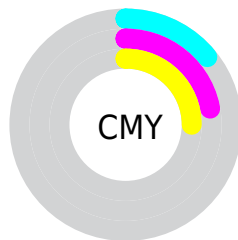
- Red (86%)
- Green (78%)
- Blue (75%)



- Red (86%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2419, 0.3361, 0.3405 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 60.2419, 0.3361, 0.3405 by changing the saturation by 10% instead.


 60.2419, 0.3361,
0.3405

 60.2419, 0.3361,
0.3405


425.4888, 0.3249,
0.3351

 43.6136, 0.3388,
0.3418


 105.1805, 0.3321,
0.3386

 30.3669, 0.3422,
0.3433

134.2596, 0.3306,
0.3379

 20.1172, 0.3465,
0.3453


168.2578, 0.3293,
0.3372

 12.4803, 0.3524,
0.3480

207.5595, 0.3282,
0.3367

 7.0717, 0.3608,
0.3516

252.5490, 0.3272,
0.3362

 3.5070, 0.3736,
0.3569

303.6109, 0.3263,

 1.4018, 0.3956,

0.3358

361.1293, 0.3255,
0.3354

0.3654

0.2180, 0.6078,
0.3922

0.0000, 0.0000,
0.0000

60.2419, 0.3361,
0.3405

60.2419, 0.3361,
0.3405

52.8823, 0.3569,
0.3495

68.4038, 0.3184,
0.3320

46.2924, 0.3813,
0.3587

77.3837, 0.3035,
0.3240

40.4486, 0.4095,
0.3677

87.1414, 0.2914,
0.3177

35.3235, 0.4413,
0.3757

93.9548, 0.2917,
0.3289

■ 30.8876, 0.4759,
0.3817

■ 27.1091, 0.5115,
0.3844

■ 23.9535, 0.5455,
0.3827

■ 21.3821, 0.5744,
0.3760

■ 20.0220, 0.5897,
0.3699

Harmonies

Analogous

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



60.2419, 0.3334, 0.3306



60.2419, 0.3361, 0.3405



60.2419, 0.3324, 0.3476

Triad

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



60.2419, 0.3361, 0.3405



60.2419, 0.3004, 0.3376



60.2419, 0.3018, 0.3090

Complementary

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



60.2419, 0.3361, 0.3405



62.2106, 0.2917, 0.3172

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.



60.2419, 0.2933, 0.3105



60.2419, 0.3361, 0.3405



60.2419, 0.2925, 0.3268

Square

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



60.2419, 0.3361, 0.3405



60.2419, 0.3117, 0.3461



60.2419, 0.2899, 0.3169



60.2419, 0.3134, 0.3127

Rectangle

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



60.2419, 0.3361, 0.3405



60.2419, 0.3269, 0.3497



60.2419, 0.2899, 0.3169



60.2419, 0.2985, 0.3089

Sweetspot

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



60.2446, 0.3361, 0.3405



95.0979, 0.3191, 0.3323



56.7262, 0.3215, 0.3059



20.1620, 0.3203, 0.3329



0.0000, 0.0000, 0.0000



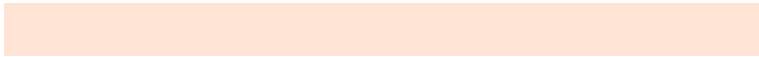
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.2446, 0.3361, 0.3405



81.5009, 0.3410, 0.3427



67.2788, 0.3339, 0.3566



13.7570, 0.3283, 0.3369



11.9350, 0.5870, 0.3721



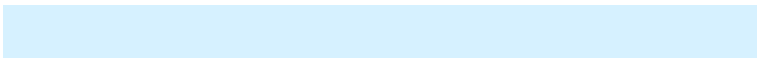
0.9286, 0.5552, 0.3974

Inverse Universe

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



62.2106, 0.2917, 0.3172



84.6952, 0.2878, 0.3149



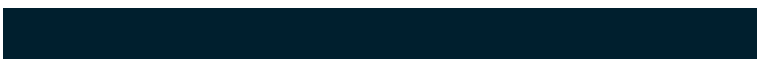
55.3756, 0.2912, 0.2998



14.0603, 0.2982, 0.3210



15.4335, 0.1936, 0.2167



1.1558, 0.1992, 0.2372

Previews

White Background



This preview shows how the Yxy color 60.2419, 0.3361, 0.3405 looks on a white background.

Color Contrast Check

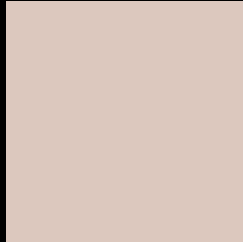
Large Text (above 18pt) WCAG AA × Fail

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 60.2419, 0.3361, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

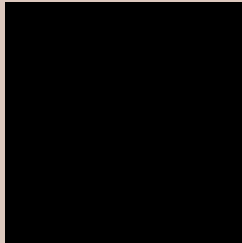
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2419, 0.3361, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 60.2419, 0.3361, 0.3405.



This preview shows how white text looks on a background with the Yxy color 60.2419, 0.3361, 0.3405.

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

60.2419, 0.3361, 0.3405

Protanopia

60.2193, 0.3262, 0.3419

Deuteranopia

60.3521, 0.3432, 0.3358



Tritanopia

60.3739, 0.3222, 0.3123

Trichromacy



Original Color

60.2419, 0.3361, 0.3405

Protanomaly

60.2988, 0.3302, 0.3418

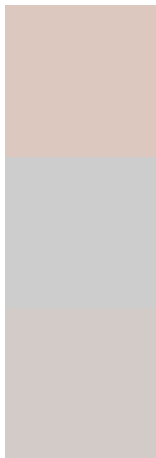
Deuteranomaly

60.3185, 0.3406, 0.3370

Tritanomaly

60.2774, 0.3273, 0.3223

Monochromacy



Original Color

60.2419, 0.3361, 0.3405

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5836, 0.3203, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2419, 0.3361, 0.3405 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(220, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(220, 200, 190)  
}
```

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(220, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 200, 190) }
```

Border

The CSS property to change the border of an element to Yxy 60.2419, 0.3361, 0.3405 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(220, 200, 190) }
```

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

```
.border{ border-color:rgb(220, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(220, 200,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2419, 0.3361, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 200, 190) }
```

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

```
.background{ background-color: rgb(220,  
200, 190) }
```

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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