

Converting Colors

Yxy(60.2834, 0.3380, 0.3434)

Have a look what the booklet for
Yxy(60.2834, 0.3380, 0.3434)
contains.

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Color

Yxy(60.1550, 0.3377, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	DCC8BC
RGB	220, 200, 188
RGB Percent	86%, 78%, 74%
CMY	0.1370, 0.2157, 0.2627
CMYK	0.00, 0.09, 0.15, 0.14
HSL	22°, 31%, 80%
HSV	22°, 15%, 86%
XYZ	59.2600, 60.1550, 56.0663
YIQ	204.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

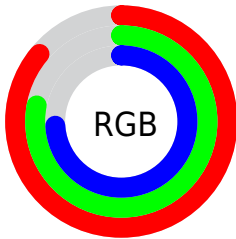
Format	Color
R _Y B	220, 207, 188
Decimal	14469308
CIE Lab	81.92, 5.07, 8.53
CIE LCh	82, 9.920, 59.276
Yxy	60.1550, 0.3377, 0.3428
Android (android.graphics.Color)	4292659388 (0xFFDCC8BC)
YUV	204.6120, -8.1897, 13.4953
Hunter-Lab	77.5597, 0.6549, 11.4322

Details

The Yxy color **60.1550, 0.3377, 0.3428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0126, 0.2902, 0.3148**, and the grayscale version is **60.8421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **30.3064, 0.3442, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **53.1819, 0.3585, 0.3529**, and if you desaturate by 10%, it is **67.8535, 0.3199, 0.3332**.

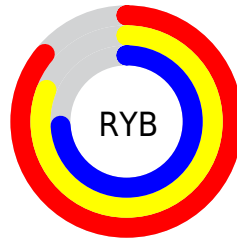
Distribution



Red (86%)

Green (78%)

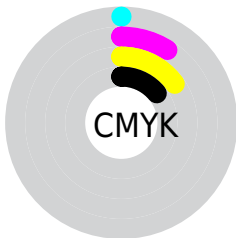
Blue (74%)



Red (86%)

Yellow (81%)

Blue (74%)

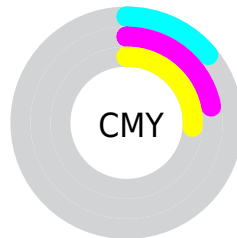


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (14%)



Cyan (14%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1550, 0.3377, 0.3428 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 60.1550, 0.3377, 0.3428 by changing the saturation by 10% instead.


 60.1550, 0.3377,
0.3428

 60.1550, 0.3377,
0.3428


425.1689, 0.3257,
0.3363

 43.5436, 0.3406,
0.3443


 105.0545, 0.3334,
0.3405

 30.3118, 0.3442,
0.3462

134.1113, 0.3318,
0.3396

 20.0754, 0.3488,
0.3486


168.0855, 0.3304,
0.3389

 12.4499, 0.3551,
0.3518

207.3612, 0.3292,
0.3382

 7.0508, 0.3641,
0.3562

252.3231, 0.3282,
0.3377

 3.4939, 0.3777,
0.3626

303.3554, 0.3272,

 1.3947, 0.4016,

0.3372

360.8425, 0.3264,
0.3367

0.3733

0.2128, 0.6050,
0.3950

0.0000, 0.0000,
0.0000

60.1550, 0.3377,
0.3428

60.1550, 0.3377,
0.3428

53.1819, 0.3585,
0.3529

67.8535, 0.3199,
0.3332

46.9046, 0.3825,
0.3632

76.2902, 0.3048,
0.3242

41.3030, 0.4101,
0.3732

85.4875, 0.2919,
0.3159

36.3529, 0.4408,
0.3821

93.9650, 0.2918,
0.3289

■ 32.0286, 0.4738,
0.3887

■ 28.3024, 0.5074,
0.3919

■ 25.1439, 0.5392,
0.3904

■ 22.5193, 0.5662,
0.3837

■ 21.2971, 0.5789,
0.3785

Harmonies

Analogous

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



60.1550, 0.3358, 0.3325



60.1550, 0.3377, 0.3428



60.1550, 0.3327, 0.3497

Triad

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



60.1550, 0.3377, 0.3428



60.1550, 0.2978, 0.3365



60.1550, 0.3028, 0.3078

Complementary

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



60.1550, 0.3377, 0.3428



61.0126, 0.2902, 0.3148

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.



60.1550, 0.2929, 0.3085



60.1550, 0.3377, 0.3428



60.1550, 0.2901, 0.3248

Square

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



60.1550, 0.3377, 0.3428



60.1550, 0.3096, 0.3463



60.1550, 0.2883, 0.3146



60.1550, 0.3155, 0.3126

Rectangle

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



60.1550, 0.3377, 0.3428



60.1550, 0.3262, 0.3514



60.1550, 0.2883, 0.3146



60.1550, 0.2990, 0.3074

Sweetspot

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



60.1577, 0.3377, 0.3428



95.3523, 0.3191, 0.3327



55.7624, 0.3234, 0.3060



20.2263, 0.3203, 0.3334



0.0000, 0.0000, 0.0000



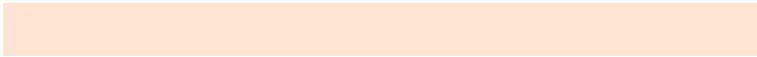
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1577, 0.3377, 0.3428



81.4014, 0.3427, 0.3454



67.8580, 0.3351, 0.3603



13.8449, 0.3282, 0.3378



12.6886, 0.5762, 0.3807



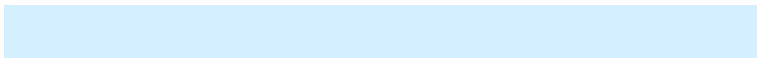
0.9843, 0.5454, 0.4051

Inverse Universe

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



61.0126, 0.2902, 0.3148



82.7797, 0.2862, 0.3121



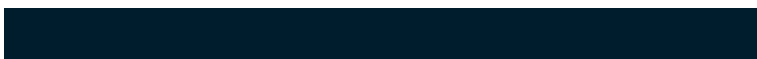
53.6840, 0.2895, 0.2956



13.9690, 0.2982, 0.3201



13.8828, 0.1895, 0.2023



1.0627, 0.1959, 0.2253

Previews

White Background



This preview shows how the Yxy color 60.1550, 0.3377, 0.3428 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 60.1550, 0.3377, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

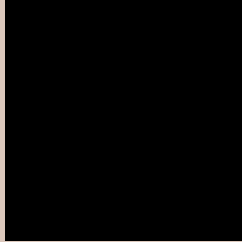
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1550, 0.3377, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 60.1550, 0.3377, 0.3428.



This preview shows how white text looks on a background with the Yxy color 60.1550, 0.3377, 0.3428.

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

60.1550, 0.3377, 0.3428

Protanopia

60.2785, 0.3284, 0.3442

Deuteranopia

60.2646, 0.3448, 0.3381



Tritanopia

59.9213, 0.3223, 0.3112

Trichromacy



Original Color

60.1550, 0.3377, 0.3428

Protanomaly

60.2113, 0.3317, 0.3442

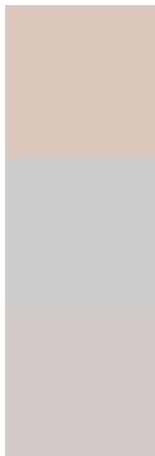
Deuteranomaly

60.2310, 0.3421, 0.3392

Tritanomaly

59.7739, 0.3282, 0.3223

Monochromacy



Original Color

60.1550, 0.3377, 0.3428

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5370, 0.3210, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1550, 0.3377, 0.3428 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 200, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 200, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.1550, 0.3377, 0.3428 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, 188) }
```

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

```
.border{ border-color:rgb(220, 200, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 200, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 200, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 200,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1550, 0.3377, 0.3428 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, 188) }
```

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

```
.background{ background-color: rgb(220,  
200, 188) }
```

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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