

Converting Colors

$Yxy(60.4689, 0.3332, 0.3376)$

Have a look what the booklet for
Yxy(60.4689, 0.3332, 0.3376)
contains.

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Color

Yxy(60.2189, 0.3330, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	DBC8C1
RGB	219, 200, 193
RGB Percent	86%, 78%, 76%
CMY	0.1413, 0.2156, 0.2432
CMYK	0.00, 0.09, 0.12, 0.14
HSL	16°, 27%, 81%
HSV	16°, 12%, 86%
XYZ	59.4865, 60.2189, 58.9327
YIQ	204.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

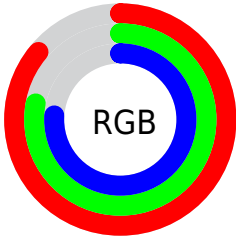
Format	Color
R _Y B	219, 203, 193
Decimal	14403777
CIE Lab	81.96, 5.46, 5.90
CIE LCh	82, 8.041, 47.211
Yxy	60.2189, 0.3330, 0.3371
Android (android.graphics.Color)	4292593857 (0xFFDBC8C1)
YUV	204.8830, -5.8583, 12.3806
Hunter-Lab	77.6008, 1.0313, 9.2938

Details

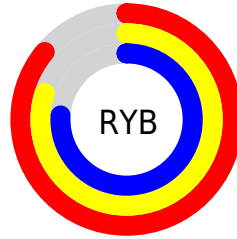
The Yxy color **60.2189, 0.3330, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5105, 0.2945, 0.3208**, and the grayscale version is **61.0029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **30.3437, 0.3379, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **52.2970, 0.3537, 0.3444**, and if you desaturate by 10%, it is **69.0642, 0.3156, 0.3302**.

Distribution



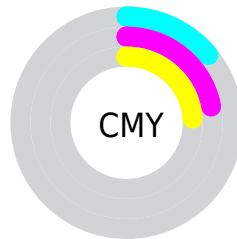
- Red (86%)
- Green (78%)
- Blue (76%)



- Red (86%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2189, 0.3330, 0.3371 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 60.2189, 0.3330, 0.3371 by changing the saturation by 10% instead.


 60.2189, 0.3330,
0.3371

 60.2189, 0.3330,
0.3371


425.4042, 0.3232,
0.3333

 43.5951, 0.3353,
0.3380


 105.1471, 0.3295,
0.3358

 30.3523, 0.3383,
0.3391


134.2204, 0.3282,
0.3353

 20.1062, 0.3421,
0.3405


168.2122, 0.3271,
0.3348

 12.4722, 0.3472,
0.3423

207.5070, 0.3261,
0.3344

 7.0661, 0.3545,
0.3449

252.4892, 0.3253,
0.3341

 3.5035, 0.3656,
0.3486

303.5432, 0.3245,

 1.3999, 0.3848,

0.3338

0.3544

361.0534, 0.3238,
0.3335

0.2167, 0.6103,
0.3897

0.0000, 0.0000,
0.0000

60.2189, 0.3330,
0.3371

60.2189, 0.3330,
0.3371

52.2970, 0.3537,
0.3444

69.0642, 0.3156,
0.3302

45.2605, 0.3784,
0.3519

78.8535, 0.3011,
0.3239

39.0804, 0.4073,
0.3593

89.3773, 0.2909,
0.3218

33.7233, 0.4405,
0.3659

93.7962, 0.2911,
0.3289

■ 29.1532, 0.4773,
0.3709

■ 25.3316, 0.5159,
0.3730

■ 22.2162, 0.5530,
0.3713

■ 19.7602, 0.5848,
0.3652

■ 18.2057, 0.6050,
0.3578

Harmonies

Analogous

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



60.2189, 0.3293, 0.3282



60.2189, 0.3330, 0.3371



60.2189, 0.3312, 0.3440

Triad

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



60.2189, 0.3330, 0.3371



60.2189, 0.3042, 0.3386



60.2189, 0.3010, 0.3114

Complementary

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



60.2189, 0.3330, 0.3371



63.5105, 0.2945, 0.3208

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.



60.2189, 0.2946, 0.3139



60.2189, 0.3330, 0.3371



60.2189, 0.2964, 0.3295

Square

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



60.2189, 0.3330, 0.3371



60.2189, 0.3144, 0.3451



60.2189, 0.2929, 0.3204



60.2189, 0.3107, 0.3136

Rectangle

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



60.2189, 0.3330, 0.3371



60.2189, 0.3271, 0.3466



60.2189, 0.2929, 0.3204



60.2189, 0.2984, 0.3117

Sweetspot

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



60.2216, 0.3330, 0.3371



94.7037, 0.3191, 0.3317



57.9469, 0.3193, 0.3075



20.0625, 0.3204, 0.3322



0.0000, 0.0000, 0.0000



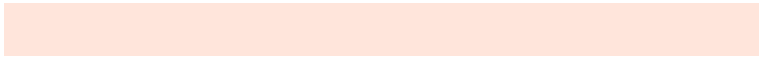
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2216, 0.3330, 0.3371



82.4029, 0.3374, 0.3387



66.4501, 0.3312, 0.3515



13.6215, 0.3285, 0.3354



10.9538, 0.6024, 0.3599



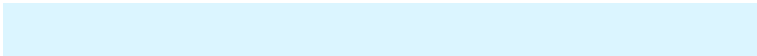
0.8515, 0.5700, 0.3856

Inverse Universe

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



63.5105, 0.2945, 0.3208



87.8417, 0.2910, 0.3191



57.3200, 0.2942, 0.3054



14.2030, 0.2982, 0.3225



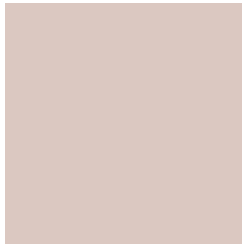
18.0862, 0.1998, 0.2391



1.3115, 0.2043, 0.2555

Previews

White Background



This preview shows how the Yxy color 60.2189, 0.3330, 0.3371 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 60.2189, 0.3330, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

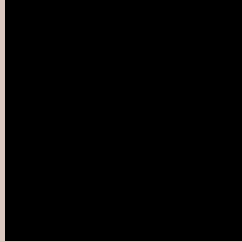
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2189, 0.3330, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 60.2189, 0.3330, 0.3371.



This preview shows how white text looks on a background with the Yxy color 60.2189, 0.3330, 0.3371.

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

60.2189, 0.3330, 0.3371

Protanopia

60.3536, 0.3240, 0.3384

Deuteranopia

60.1584, 0.3392, 0.3324



Tritanopia

60.2156, 0.3214, 0.3123

Trichromacy



Original Color

60.2189, 0.3330, 0.3371

Protanomaly

60.2822, 0.3272, 0.3383

Deuteranomaly

60.1305, 0.3366, 0.3336

Tritanomaly

60.1681, 0.3258, 0.3211

Monochromacy



Original Color

60.2189, 0.3330, 0.3371

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6306, 0.3196, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2189, 0.3330, 0.3371 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(219, 200, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 193)  
}
```

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(219, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 193) }
```

Border

The CSS property to change the border of an element to Yxy 60.2189, 0.3330, 0.3371 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(219, 200, 193) }
```

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

```
.border{ border-color:rgb(219, 200, 193) }
```

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

Here you see how a box with a 4 pixel rgb(219, 200, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2189, 0.3330, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 193) }
```

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

```
.background{ background-color: rgb(219,  
200, 193) }
```

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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