

Converting Colors

$Yxy(61.1089, 0.3298, 0.3336)$

Have a look what the booklet for
Yxy(61.1089, 0.3298, 0.3336)
contains.

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Color

Yxy(60.8646, 0.3298, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9C5
RGB	219, 201, 197
RGB Percent	86%, 79%, 77%
CMY	0.1413, 0.2117, 0.2274
CMYK	0.00, 0.08, 0.10, 0.14
HSL	11°, 23%, 82%
HSV	11°, 10%, 86%
XYZ	60.1713, 60.8646, 61.4119
YIQ	205.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

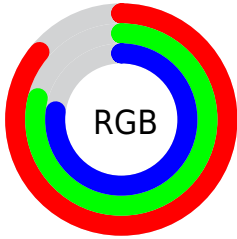
Format	Color
R _Y B	219, 202, 197
Decimal	14404037
CIE Lab	82.31, 5.59, 4.25
CIE LCh	82, 7.024, 37.216
Yxy	60.8646, 0.3298, 0.3336
Android (android.graphics.Color)	4292594117 (0xFFDBC9C5)
YUV	205.9260, -4.4005, 11.4659
Hunter-Lab	78.0158, 1.1443, 7.9395

Details

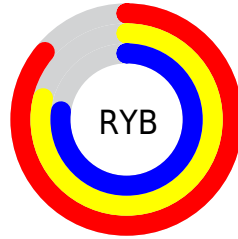
The Yxy color **60.8646, 0.3298, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5699, 0.2973, 0.3244**, and the grayscale version is **61.6941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **30.7431, 0.3346, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **52.0653, 0.3505, 0.3385**, and if you desaturate by 10%, it is **70.7886, 0.3127, 0.3290**.

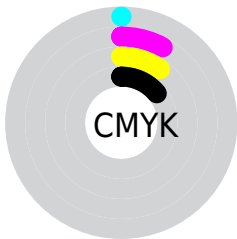
Distribution



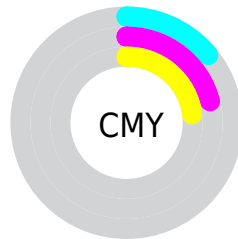
- Red (86%)
- Green (79%)
- Blue (77%)



- Red (86%)
- Yellow (79%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8646, 0.3298, 0.3336 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 60.8646, 0.3298, 0.3336 by changing the saturation by 10% instead.

60.8646, 0.3298,
0.3336

60.8646, 0.3298,
0.3336

427.7774, 0.3216,
0.3315

44.1159, 0.3317,
0.3341

106.0829, 0.3269,
0.3329

30.7616, 0.3342,
0.3347

135.3212, 0.3258,
0.3326

20.4174, 0.3374,
0.3355

169.4916, 0.3248,
0.3323

12.6988, 0.3417,
0.3365

208.9784, 0.3240,
0.3321

7.2215, 0.3477,
0.3379

254.1659, 0.3233,
0.3319

3.6010, 0.3570,
0.3399

305.4387, 0.3227,

1.4530, 0.3729,

0.3317

0.3430

363.1810, 0.3221,
0.3316

0.2553, 0.5976,
0.4024

0.0000, 0.0000,
0.0000

60.8646, 0.3298,
0.3336

60.8646, 0.3298,
0.3336

52.0653, 0.3505,
0.3385

70.7886, 0.3127,
0.3290

44.3432, 0.3755,
0.3436

81.8669, 0.2987,
0.3248

37.6590, 0.4055,
0.3487

93.6314, 0.2911,
0.3287

31.9682, 0.4407,
0.3532

93.7942, 0.2911,
0.3289

■ 27.2227, 0.4804,
0.3565

■ 23.3707, 0.5226,
0.3578

■ 20.3550, 0.5636,
0.3561

■ 18.1116, 0.5980,
0.3511

■ 16.5629, 0.6223,
0.3441

Harmonies

Analogous

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



60.8646, 0.3251, 0.3257



60.8646, 0.3298, 0.3336



60.8646, 0.3298, 0.3404

Triad

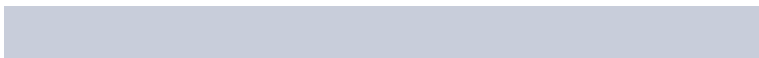
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.8646, 0.3298, 0.3336



60.8646, 0.3082, 0.3396



60.8646, 0.3003, 0.3140

Complementary

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



60.8646, 0.3298, 0.3336



65.5699, 0.2973, 0.3244

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.



60.8646, 0.2959, 0.3174



60.8646, 0.3298, 0.3336



60.8646, 0.3004, 0.3322

Square

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



60.8646, 0.3298, 0.3336



60.8646, 0.3173, 0.3440



60.8646, 0.2959, 0.3240



60.8646, 0.3080, 0.3145

Rectangle

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



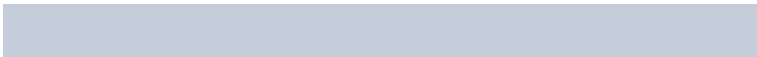
60.8646, 0.3298, 0.3336



60.8646, 0.3272, 0.3434



60.8646, 0.2959, 0.3240



60.8646, 0.2984, 0.3147

Sweetspot

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



60.8673, 0.3298, 0.3336



95.5896, 0.3175, 0.3304



59.9184, 0.3165, 0.3085



20.2132, 0.3189, 0.3307



0.0000, 0.0000, 0.0000



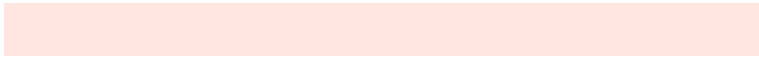
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8673, 0.3298, 0.3336



83.2413, 0.3338, 0.3346



65.9979, 0.3285, 0.3455



13.4330, 0.3287, 0.3333



9.9400, 0.6202, 0.3458



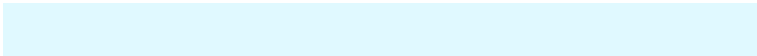
0.7599, 0.5901, 0.3697

Inverse Universe

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



65.5699, 0.2973, 0.3244



91.1478, 0.2942, 0.3233



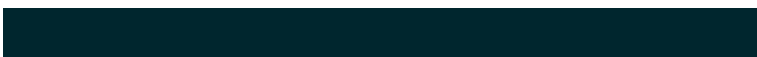
60.3308, 0.2972, 0.3119



14.4053, 0.2982, 0.3246



22.3275, 0.2083, 0.2700



1.5536, 0.2113, 0.2806

Previews

White Background



This preview shows how the Yxy color 60.8646, 0.3298, 0.3336 looks on a white background.

Color Contrast Check

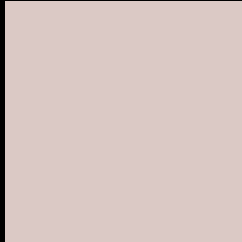
Large Text (above 18pt) WCAG AA × Fail

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 60.8646, 0.3298, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

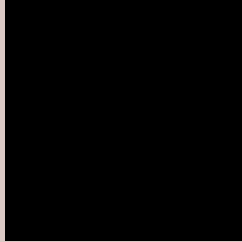
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8646, 0.3298, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 60.8646, 0.3298, 0.3336.

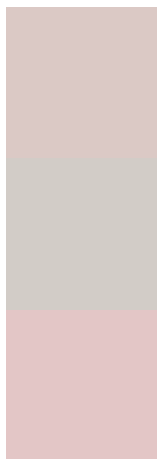


This preview shows how white text looks on a background with the Yxy color 60.8646, 0.3298, 0.3336.

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

60.8646, 0.3298, 0.3336

Protanopia

61.0109, 0.3209, 0.3348

Deuteranopia

60.7963, 0.3359, 0.3291



Tritanopia

60.6154, 0.3190, 0.3112

Trichromacy



Original Color

60.8646, 0.3298, 0.3336

Protanomaly

60.9352, 0.3241, 0.3348

Deuteranomaly

60.7714, 0.3334, 0.3302

Tritanomaly

60.6166, 0.3226, 0.3189

Monochromacy



Original Color

60.8646, 0.3298, 0.3336

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3464, 0.3188, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8646, 0.3298, 0.3336 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, 201, 197)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 197)  
}
```

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, 201, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 197) }
```

Border

The CSS property to change the border of an element to Yxy 60.8646, 0.3298, 0.3336 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, 201, 197) }
```

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

```
.border{ border-color:rgb(219, 201, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 197);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8646, 0.3298, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 197) }
```

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

```
.background{ background-color: rgb(219,  
201, 197) }
```

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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