

Converting Colors

$Yxy(60.2543, 0.3365, 0.3425)$

Have a look what the booklet for
Yxy(60.2543, 0.3365, 0.3425)
contains.

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Color

Yxy(60.0427, 0.3361, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	DBC8BD
RGB	219, 200, 189
RGB Percent	86%, 78%, 74%
CMY	0.1411, 0.2157, 0.2588
CMYK	0.00, 0.09, 0.14, 0.14
HSL	22°, 29%, 80%
HSV	22°, 14%, 86%
XYZ	59.0587, 60.0427, 56.6162
YIQ	204.4270, 14.8550, 0.6070

Conversions

Conversions Part 2

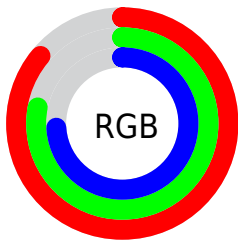
Format	Color
R _Y B	219, 206, 189
Decimal	14403773
CIE Lab	81.86, 4.85, 7.90
CIE LCh	82, 9.269, 58.471
Yxy	60.0427, 0.3361, 0.3417
Android (android.graphics.Color)	4292593853 (0xFFDBC8BD)
YUV	204.4270, -7.6055, 12.7805
Hunter-Lab	77.4872, 0.4453, 10.9207

Details

The Yxy color **60.0427, 0.3361, 0.3417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0587, 0.2915, 0.3160**, and the grayscale version is **60.7129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **30.2279, 0.3420, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **53.0252, 0.3567, 0.3516**, and if you desaturate by 10%, it is **67.7929, 0.3185, 0.3323**.

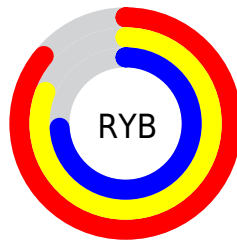
Distribution



Red (86%)

Green (78%)

Blue (74%)



Red (86%)

Yellow (81%)

Blue (74%)

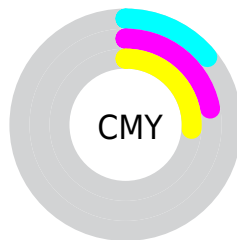


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (14%)



Cyan (14%)


Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0427, 0.3361, 0.3417 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 60.0427, 0.3361, 0.3417 by changing the saturation by 10% instead.


 60.0427, 0.3361,
0.3417

 60.0427, 0.3361,
0.3417


424.7551, 0.3249,
0.3357

 43.4531, 0.3388,
0.3431


 104.8916, 0.3321,
0.3396

 30.2407, 0.3422,
0.3448


133.9197, 0.3306,
0.3388

 20.0214, 0.3465,
0.3471


167.8626, 0.3293,
0.3381

 12.4106, 0.3524,
0.3500

207.1049, 0.3282,
0.3375

 7.0240, 0.3608,
0.3541

252.0309, 0.3272,
0.3370

 3.4771, 0.3737,
0.3601

303.0250, 0.3263,

 1.3856, 0.3959,

0.3365

0.3699

360.4716, 0.3255,
0.3361

0.2061, 0.6039,
0.3961

0.0000, 0.0000,
0.0000

60.0427, 0.3361,
0.3417

60.0427, 0.3361,
0.3417

53.0252, 0.3567,
0.3516

67.7929, 0.3185,
0.3323

46.7104, 0.3805,
0.3617

76.2885, 0.3036,
0.3236

41.0780, 0.4079,
0.3715

85.5523, 0.2909,
0.3155

36.1037, 0.4386,
0.3803

93.8046, 0.2912,
0.3289

■ 31.7614, 0.4718,
0.3871

■ 28.0233, 0.5058,
0.3905

■ 24.8589, 0.5382,
0.3893

■ 22.2341, 0.5660,
0.3829

■ 20.8366, 0.5809,
0.3770

Harmonies

Analogous

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



60.0427, 0.3342, 0.3320



60.0427, 0.3361, 0.3417



60.0427, 0.3316, 0.3483

Triad

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



60.0427, 0.3361, 0.3417



60.0427, 0.2991, 0.3363



60.0427, 0.3031, 0.3091

Complementary

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



60.0427, 0.3361, 0.3417



61.0587, 0.2915, 0.3160

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.



60.0427, 0.2940, 0.3099



60.0427, 0.3361, 0.3417



60.0427, 0.2917, 0.3254

Square

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



60.0427, 0.3361, 0.3417



60.0427, 0.3101, 0.3453



60.0427, 0.2899, 0.3157



60.0427, 0.3150, 0.3135

Rectangle

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



60.0427, 0.3361, 0.3417



60.0427, 0.3257, 0.3499



60.0427, 0.2899, 0.3157



60.0427, 0.2997, 0.3088

Sweetspot

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



60.0454, 0.3361, 0.3417



95.3056, 0.3191, 0.3326



56.0366, 0.3223, 0.3068



20.2145, 0.3203, 0.3333



0.0000, 0.0000, 0.0000



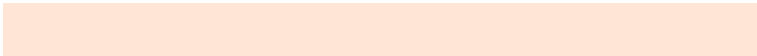
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0454, 0.3361, 0.3417



82.2448, 0.3408, 0.3441



67.0973, 0.3338, 0.3579



13.8287, 0.3282, 0.3376



12.5429, 0.5782, 0.3791



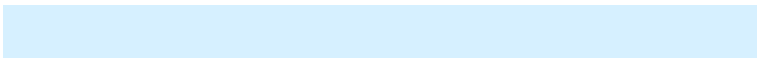
0.9737, 0.5472, 0.4037

Inverse Universe

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



61.0587, 0.2915, 0.3160



83.8982, 0.2877, 0.3135



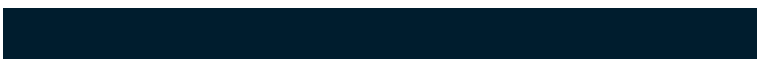
54.2949, 0.2910, 0.2984



13.9858, 0.2982, 0.3202



14.1585, 0.1903, 0.2050



1.0794, 0.1965, 0.2274

Previews

White Background



This preview shows how the Yxy color 60.0427, 0.3361, 0.3417 looks on a white background.

Color Contrast Check

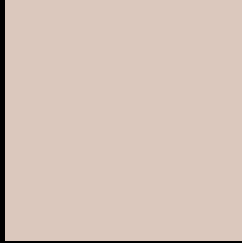
Large Text (above 18pt) WCAG AA × Fail

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 60.0427, 0.3361, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

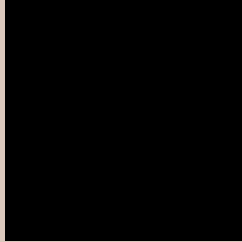
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0427, 0.3361, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 60.0427, 0.3361, 0.3417.



This preview shows how white text looks on a background with the Yxy color 60.0427, 0.3361, 0.3417.

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

60.0427, 0.3361, 0.3417

Protanopia

60.1751, 0.3269, 0.3431

Deuteranopia

60.1442, 0.3432, 0.3370



Tritanopia

60.2156, 0.3214, 0.3123

Trichromacy



Original Color

60.0427, 0.3361, 0.3417

Protanomaly

60.1049, 0.3302, 0.3430

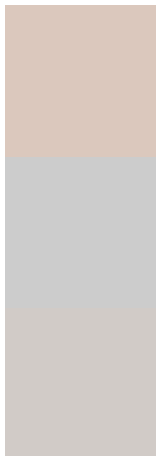
Deuteranomaly

60.1134, 0.3405, 0.3381

Tritanomaly

60.1200, 0.3265, 0.3223

Monochromacy



Original Color

60.0427, 0.3361, 0.3417

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3907, 0.3202, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0427, 0.3361, 0.3417 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 189) }
```

Border

The CSS property to change the border of an element to Yxy 60.0427, 0.3361, 0.3417 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, 189) }
```

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

```
.border{ border-color:rgb(219, 200, 189) }
```

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, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0427, 0.3361, 0.3417 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, 189) }
```

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

```
.background{ background-color: rgb(219,  
200, 189) }
```

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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