

Converting Colors

$Yxy(60.3492, 0.3169, 0.3074)$

Have a look what the booklet for
Yxy(60.3492, 0.3169, 0.3074)
contains.

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Color

Yxy(60.3144, 0.3169, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	DDC5D9
RGB	221, 197, 217
RGB Percent	87%, 77%, 85%
CMY	0.1332, 0.2275, 0.1489
CMYK	0.00, 0.11, 0.02, 0.13
HSL	310°, 26%, 82%
HSV	310°, 11%, 87%
XYZ	62.3203, 60.3144, 74.0213
YIQ	206.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

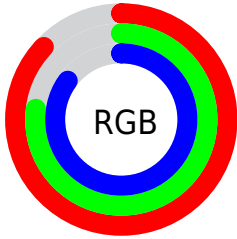
Format	Color
R _Y B	221, 197, 217
Decimal	14534105
CIE Lab	82.01, 11.93, -6.88
CIE LCh	82, 13.767, 330.028
Yxy	60.3144, 0.3169, 0.3067
Android (android.graphics.Color)	4292724185 (0xFFDDC5D9)
YUV	206.4560, 5.1982, 12.7551
Hunter-Lab	77.6623, 7.3285, -2.1467

Details

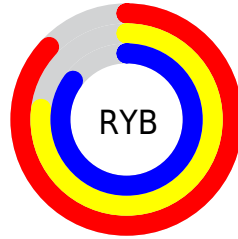
The Yxy color **60.3144, 0.3169, 0.3067** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8183, 0.3088, 0.3524**, and the grayscale version is **61.9958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.3605, 0.3182, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **50.8151, 0.3213, 0.2855**, and if you desaturate by 10%, it is **71.2949, 0.3130, 0.3272**.

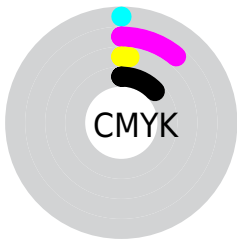
Distribution



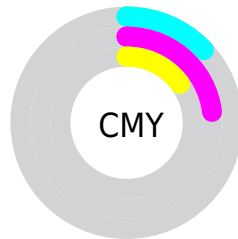
- Red (87%)
- Green (77%)
- Blue (85%)



- Red (87%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3144, 0.3169, 0.3067 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 60.3144, 0.3169, 0.3067 by changing the saturation by 10% instead.


 60.3144, 0.3169,
0.3067

 60.3144, 0.3169,
0.3067


425.7557, 0.3150,
0.3172

 43.6721, 0.3173,
0.3043

105.2856, 0.3162,
0.3104

 30.4128, 0.3179,
0.3012


134.3833, 0.3160,
0.3118

 20.1521, 0.3185,
0.2973


168.4016, 0.3158,
0.3130

 12.5057, 0.3194,
0.2922

207.7249, 0.3156,
0.3141

 7.0891, 0.3206,
0.2851

252.7375, 0.3154,
0.3150

 3.5179, 0.3222,
0.2745

303.8239, 0.3152,

 1.4077, 0.3246,

0.3158

0.2574

361.3685, 0.3151,
0.3165

0.2224, 0.3471,
0.1536

0.0000, 0.0000,
0.0000

60.3144, 0.3169,
0.3067

60.3144, 0.3169,
0.3067

50.8151, 0.3213,
0.2855

71.2949, 0.3130,
0.3272

42.7254, 0.3263,
0.2642

83.8087, 0.3097,
0.3468

35.9794, 0.3319,
0.2435

92.5040, 0.3071,
0.3568

30.5028, 0.3379,
0.2243

92.7109, 0.3050,
0.3529

26.2142, 0.3443,
0.2077

92.9222, 0.3030,
0.3491

23.0229, 0.3508,
0.1945

93.1380, 0.3009,
0.3452

20.8247, 0.3572,
0.1855

93.3582, 0.2989,
0.3414

19.4955, 0.3634,
0.1811

93.5828, 0.2969,
0.3376

18.8467, 0.3688,
0.1805

93.8120, 0.2949,
0.3338

Harmonies

Analogous

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



60.3144, 0.2993, 0.3000



60.3144, 0.3169, 0.3067



60.3144, 0.3338, 0.3190

Triad

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



60.3144, 0.3169, 0.3067



60.3144, 0.3401, 0.3579



60.3144, 0.2814, 0.3226

Complementary

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



60.3144, 0.3169, 0.3067



67.8183, 0.3088, 0.3524

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.



60.3144, 0.2918, 0.3390



60.3144, 0.3169, 0.3067



60.3144, 0.3256, 0.3598

Square

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



60.3144, 0.3169, 0.3067



60.3144, 0.3474, 0.3482



60.3144, 0.3078, 0.3529



60.3144, 0.2792, 0.3086

Rectangle

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



60.3144, 0.3169, 0.3067



60.3144, 0.3422, 0.3289



60.3144, 0.3078, 0.3529



60.3144, 0.2840, 0.3280

Sweetspot

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



60.3170, 0.3169, 0.3067



95.1339, 0.3138, 0.3229



57.5674, 0.2987, 0.3011



20.0912, 0.3141, 0.3213



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.



60.3170, 0.3169, 0.3067



80.2921, 0.3178, 0.3020



59.7138, 0.3259, 0.3200



13.2356, 0.3163, 0.3097



10.9587, 0.3679, 0.1800



0.7201, 0.3590, 0.1751

Inverse Universe

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



60.3170, 0.3169, 0.3067



80.2921, 0.3178, 0.3020



68.4065, 0.3011, 0.3382



13.2356, 0.3163, 0.3097



10.9587, 0.3679, 0.1800



0.7201, 0.3590, 0.1751

Previews

White Background



This preview shows how the Yxy color 60.3144, 0.3169, 0.3067 looks on a white background.

Color Contrast Check

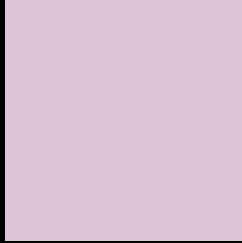
Large Text (above 18pt) WCAG AA × Fail

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 60.3144, 0.3169, 0.3067 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 60.3144, 0.3169, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 60.3144, 0.3169, 0.3067.



This preview shows how white text looks on a background with the Yxy color 60.3144, 0.3169, 0.3067.

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

60.3144, 0.3169, 0.3067

Protanopia

60.6288, 0.3002, 0.3083

Deuteranopia

60.3033, 0.3145, 0.3077



Tritanopia

60.4079, 0.3190, 0.3122

Trichromacy



Original Color

60.3144, 0.3169, 0.3067

Protanomaly

60.6422, 0.3061, 0.3074

Deuteranomaly

60.4580, 0.3153, 0.3078

Tritanomaly

60.4589, 0.3183, 0.3111

Monochromacy



Original Color

60.3144, 0.3169, 0.3067

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.2139, 0.3139, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3144, 0.3169, 0.3067 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(221, 197, 217)` looks like.

```
.text, #text, p{  
    color:rgb(221, 197, 217)  
}
```

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(221, 197, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 197, 217) }
```

Border

The CSS property to change the border of an element to Yxy 60.3144, 0.3169, 0.3067 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(221, 197, 217) }
```

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

```
.border{ border-color:rgb(221, 197, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 197, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 197, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 197, 217);  
box-shadow:4px 4px 4px 4px rgb(221, 197,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3144, 0.3169, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 197, 217) }
```

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

```
.background{ background-color: rgb(221,  
197, 217) }
```

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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