

Converting Colors

$Y_{xy}(60.6763, 0.3102, 0.3100)$

Have a look what the booklet for
Yxy(60.6763, 0.3102, 0.3100)
contains.

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Color

Yxy(60.4644, 0.3105, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	D5C8D9
RGB	213, 200, 217
RGB Percent	84%, 78%, 85%
CMY	0.1648, 0.2157, 0.1488
CMYK	0.02, 0.08, 0.00, 0.15
HSL	286°, 18%, 82%
HSV	286°, 8%, 85%
XYZ	60.6206, 60.4644, 74.1504
YIQ	205.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

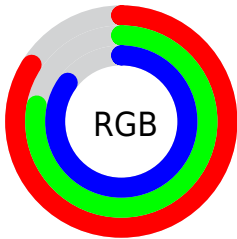
Format	Color
R _Y B	213, 200, 217
Decimal	14010585
CIE Lab	82.09, 7.59, -6.84
CIE LCh	82, 10.217, 317.978
Yxy	60.4644, 0.3105, 0.3097
Android (android.graphics.Color)	4292200665 (0xFFD5C8D9)
YUV	205.8250, 5.5093, 6.2925
Hunter-Lab	77.7589, 3.0801, -2.1074

Details

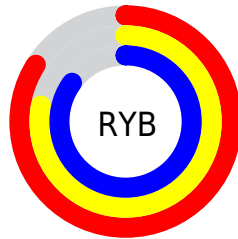
The Yxy color `60.4644, 0.3105, 0.3097` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `66.6647, 0.3147, 0.3487`, and the grayscale version is `61.5685, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `30.4355, 0.3097, 0.3051` is the 20% darker color. If you saturate the color by 10%, you get `50.3563, 0.3071, 0.2839`, and if you desaturate by 10%, it is `72.0294, 0.3133, 0.3341`.

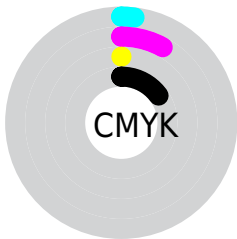
Distribution



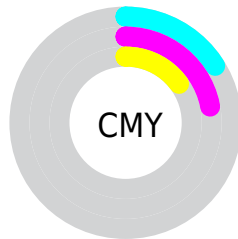
- Red (84%)
- Green (78%)
- Blue (85%)



- Red (84%)
- Yellow (78%)
- Blue (85%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4644, 0.3105, 0.3097 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 60.4644, 0.3105, 0.3097 by changing the saturation by 10% instead.

■ 60.4644, 0.3105,
0.3097

■ 60.4644, 0.3105,
0.3097

426.3074, 0.3116,
0.3188

■ 43.7931, 0.3102,
0.3076

105.5030, 0.3109,
0.3129

■ 30.5079, 0.3099,
0.3049

134.6391, 0.3111,
0.3141

■ 20.2244, 0.3094,
0.3015

168.6989, 0.3112,
0.3152

■ 12.5583, 0.3087,
0.2970

208.0669, 0.3113,
0.3161

■ 7.1251, 0.3078,
0.2907

253.1273, 0.3114,
0.3169

■ 3.5404, 0.3063,
0.2814

304.2646, 0.3115,

■ 1.4200, 0.3034,

0.3176

0.2660

361.8632, 0.3116,
0.3183

0.2314, 0.2965,
0.1693

0.0000, 0.0000,
0.0000

60.4644, 0.3105,
0.3097

60.4644, 0.3105,
0.3097

50.3563, 0.3071,
0.2839

72.0294, 0.3133,
0.3341

41.6373, 0.3031,
0.2573

85.1001, 0.3155,
0.3569

34.2457, 0.2985,
0.2306

93.1061, 0.3180,
0.3681

28.1122, 0.2932,
0.2047

93.9663, 0.3213,
0.3677

■ 23.1609, 0.2874,
0.1807

■ 94.8520, 0.3246,
0.3673

■ 19.3078, 0.2811,
0.1597

■ 95.7634, 0.3279,
0.3669

■ 16.4576, 0.2747,
0.1427

■ 96.7008, 0.3313,
0.3665

■ 14.4984, 0.2683,
0.1303

■ 97.6642, 0.3347,
0.3661

■ 13.2726, 0.2620,
0.1224

■ 97.7920, 0.3351,
0.3661

Harmonies

Analogous

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



60.4644, 0.2982, 0.3068



60.4644, 0.3105, 0.3097



60.4644, 0.3236, 0.3175

Triad

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



60.4644, 0.3105, 0.3097



60.4644, 0.3360, 0.3482



60.4644, 0.2918, 0.3292

Complementary

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



60.4644, 0.3105, 0.3097



66.6647, 0.3147, 0.3487

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.



60.4644, 0.3016, 0.3410



60.4644, 0.3105, 0.3097



60.4644, 0.3271, 0.3520

Square

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



60.4644, 0.3105, 0.3097



60.4644, 0.3385, 0.3394



60.4644, 0.3145, 0.3494



60.4644, 0.2876, 0.3177

Rectangle

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



60.4644, 0.3105, 0.3097



60.4644, 0.3311, 0.3245



60.4644, 0.3145, 0.3494



60.4644, 0.2946, 0.3333

Sweetspot

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



60.4670, 0.3105, 0.3097



96.5595, 0.3122, 0.3241



60.6036, 0.3007, 0.3141



20.7038, 0.3122, 0.3244



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.



60.4670, 0.3105, 0.3097



85.1998, 0.3101, 0.3066



60.8623, 0.3167, 0.3146



13.1105, 0.3100, 0.3057



7.9477, 0.2616, 0.1215



0.5533, 0.2717, 0.1270

Inverse Universe

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



60.4317, 0.3231, 0.3244



85.1459, 0.3249, 0.3237



66.3007, 0.3090, 0.3438



13.1021, 0.3254, 0.3235



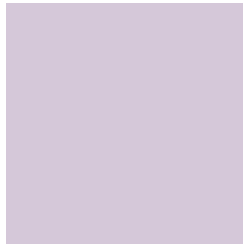
9.0920, 0.5956, 0.3055



0.6025, 0.5491, 0.2798

Previews

White Background



This preview shows how the Yxy color 60.4644, 0.3105, 0.3097 looks on a white background.

Color Contrast Check

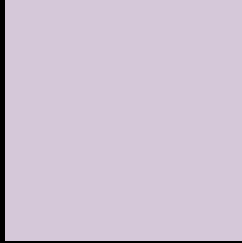
Large Text (above 18pt) WCAG AA × Fail

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 60.4644, 0.3105, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

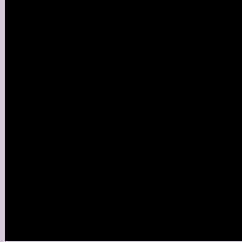
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4644, 0.3105, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 60.4644, 0.3105, 0.3097.

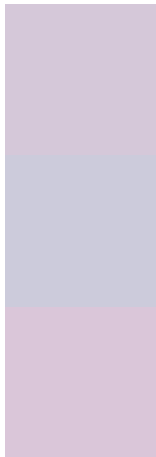


This preview shows how white text looks on a background with the Yxy color 60.4644, 0.3105, 0.3097.

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

60.4644, 0.3105, 0.3097

Protanopia

60.6637, 0.3023, 0.3106

Deuteranopia

60.3033, 0.3145, 0.3077



Tritanopia

60.4126, 0.3113, 0.3109

Trichromacy



Original Color

60.4644, 0.3105, 0.3097

Protanomaly

60.5684, 0.3052, 0.3107

Deuteranomaly

60.4555, 0.3129, 0.3087

Tritanomaly

60.4126, 0.3113, 0.3109

Monochromacy



Original Color

60.4644, 0.3105, 0.3097

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3942, 0.3123, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4644, 0.3105, 0.3097 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(213, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 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(213, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 217) }
```

Border

The CSS property to change the border of an element to Yxy 60.4644, 0.3105, 0.3097 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(213, 200, 217) }
```

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

```
.border{ border-color:rgb(213, 200, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 200, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 200, 217); box-shadow:4px 4px 4px 4px rgb(213, 200, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4644, 0.3105, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 217) }
```

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

```
.background{ background-color: rgb(213,  
200, 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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