

Converting Colors

Yxy(62.4359, 0.3046, 0.3109)

Have a look what the booklet for
Yxy(62.4359, 0.3046, 0.3109)
contains.

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Color

Yxy(62.4384, 0.3046, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	D1CDDD
RGB	209, 205, 221
RGB Percent	82%, 80%, 87%
CMY	0.1804, 0.1960, 0.1334
CMYK	0.05, 0.07, 0.00, 0.13
HSL	255°, 19%, 84%
HSV	255°, 7%, 87%
XYZ	61.1732, 62.4384, 77.2196
YIQ	208.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

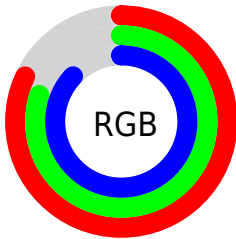
Format	Color
R _Y B	209, 205, 221
Decimal	13749725
CIE Lab	83.15, 4.34, -7.41
CIE LCh	83, 8.592, 300.356
Yxy	62.4384, 0.3046, 0.3109
Android (android.graphics.Color)	4291939805 (0xFFD1CDDD)
YUV	208.0200, 6.3991, 0.8595
Hunter-Lab	79.0180, -0.0925, -2.6280

Details

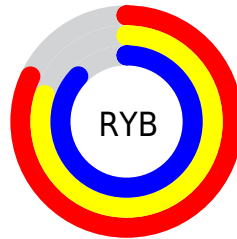
The Yxy color $62.4384, 0.3046, 0.3109$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.8618, 0.3205, 0.3468$, and the grayscale version is $63.0496, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8550, 0.3029, 0.3066$ is the 20% darker color. If you saturate the color by 10%, you get $50.3099, 0.2919, 0.2835$, and if you desaturate by 10%, it is $76.3171, 0.3156, 0.3356$.

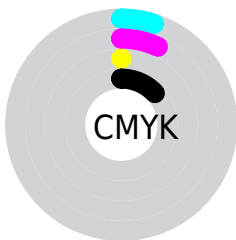
Distribution



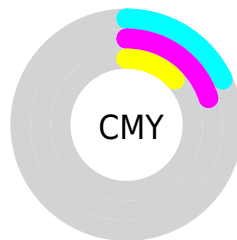
- Red (82%)
- Green (80%)
- Blue (87%)



- Red (82%)
- Yellow (80%)
- Blue (87%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4384, 0.3046, 0.3109 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 62.4384, 0.3046, 0.3109 by changing the saturation by 10% instead.

■ 62.4384, 0.3046,
0.3109

■ 62.4384, 0.3046,
0.3109

433.5284, 0.3085,
0.3194

■ 45.3870, 0.3037,
0.3089

108.3589, 0.3060,
0.3139

■ 31.7624, 0.3025,
0.3064

137.9968, 0.3065,
0.3150

■ 21.1801, 0.3010,
0.3033

172.5990, 0.3070,
0.3160

■ 13.2557, 0.2990,
0.2991

212.5499, 0.3073,
0.3169

■ 7.6049, 0.2962,
0.2932

258.2339, 0.3077,
0.3176

■ 3.8432, 0.2919,
0.2846

310.0354, 0.3080,

■ 1.5862, 0.2846,

0.3183

0.2704

368.3388, 0.3083,
0.3189

0.3483, 0.2597,
0.2070

0.0000, 0.0000,
0.0000

62.4384, 0.3046,
0.3109

62.4384, 0.3046,
0.3109

50.3099, 0.2919,
0.2835

76.3171, 0.3156,
0.3356

39.8537, 0.2774,
0.2534

92.0040, 0.3250,
0.3574

30.9979, 0.2613,
0.2214

97.9994, 0.3328,
0.3621

23.6620, 0.2438,
0.1883

■ 17.7586, 0.2257,
0.1559

■ 13.1910, 0.2077,
0.1259

■ 9.8505, 0.1912,
0.1007

■ 7.6102, 0.1770,
0.0818

■ 6.3048, 0.1661,
0.0700

Harmonies

Analogous

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



62.4384, 0.2960, 0.3113



62.4384, 0.3046, 0.3109



62.4384, 0.3155, 0.3151

Triad

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



62.4384, 0.3046, 0.3109



62.4384, 0.3340, 0.3411



62.4384, 0.2997, 0.3351

Complementary

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



62.4384, 0.3046, 0.3109



70.8618, 0.3205, 0.3468

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.



62.4384, 0.3097, 0.3435



62.4384, 0.3046, 0.3109



62.4384, 0.3296, 0.3469

Square

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



62.4384, 0.3046, 0.3109



62.4384, 0.3326, 0.3324



62.4384, 0.3206, 0.3478



62.4384, 0.2932, 0.3251

Rectangle

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



62.4384, 0.3046, 0.3109



62.4384, 0.3226, 0.3200



62.4384, 0.3206, 0.3478



62.4384, 0.3027, 0.3382

Sweetspot

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



62.4411, 0.3046, 0.3109



96.0704, 0.3105, 0.3241



67.9565, 0.3016, 0.3248



20.6042, 0.3106, 0.3243



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.



62.4411, 0.3046, 0.3109



83.0998, 0.3024, 0.3060



63.5956, 0.3103, 0.3112



12.7733, 0.3020, 0.3051



3.5520, 0.1648, 0.0682



0.2707, 0.1815, 0.0774

Inverse Universe

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



64.0458, 0.3164, 0.3157



85.8580, 0.3174, 0.3123



69.7052, 0.3149, 0.3471



13.2164, 0.3176, 0.3116



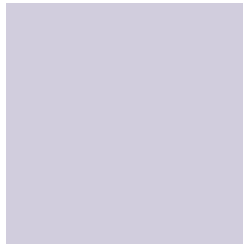
10.5453, 0.3957, 0.1953



0.6966, 0.3809, 0.1872

Previews

White Background



This preview shows how the Yxy color 62.4384, 0.3046, 0.3109 looks on a white background.

Color Contrast Check

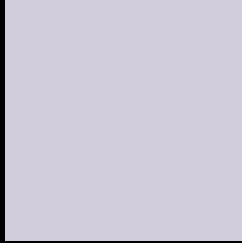
Large Text (above 18pt) WCAG AA × Fail

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 62.4384, 0.3046, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

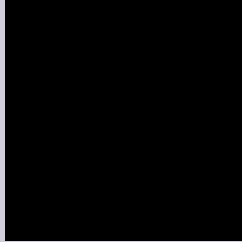
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

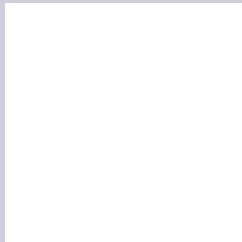
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4384, 0.3046, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 62.4384, 0.3046, 0.3109.

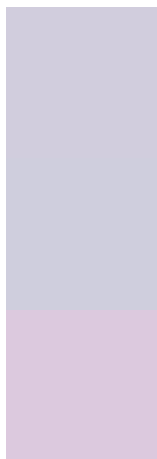


This preview shows how white text looks on a background with the Yxy color 62.4384, 0.3046, 0.3109.

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

62.4384, 0.3046, 0.3109

Protanopia

62.6285, 0.3031, 0.3119

Deuteranopia

62.2629, 0.3123, 0.3058



Tritanopia

62.4384, 0.3046, 0.3109

Trichromacy



Original Color

62.4384, 0.3046, 0.3109

Protanomaly

62.7730, 0.3038, 0.3120

Deuteranomaly

62.1139, 0.3092, 0.3067

Tritanomaly

62.4384, 0.3046, 0.3109

Monochromacy



Original Color

62.4384, 0.3046, 0.3109

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8396, 0.3093, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4384, 0.3046, 0.3109 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(209, 205, 221)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 221)  
}
```

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(209, 205, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 221) }
```

Border

The CSS property to change the border of an element to Yxy 62.4384, 0.3046, 0.3109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

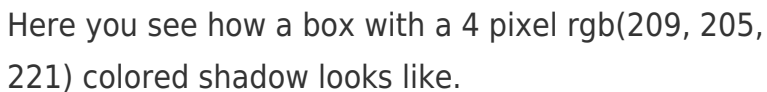
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 205, 221) }
```

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

```
.border{ border-color:rgb(209, 205, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 205, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 221);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4384, 0.3046, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 221) }
```

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

```
.background{ background-color: rgb(209,  
205, 221) }
```

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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