

Converting Colors

$Y_{xy}(62.0025, 0.3045, 0.2934)$

Have a look what the booklet for
Yxy(62.0025, 0.3045, 0.2934)
contains.

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Color

Yxy(62.1948, 0.3045, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	DBC8E8
RGB	219, 200, 232
RGB Percent	86%, 78%, 91%
CMY	0.1414, 0.2156, 0.0903
CMYK	0.06, 0.14, 0.00, 0.09
HSL	276°, 41%, 85%
HSV	276°, 14%, 91%
XYZ	64.4160, 62.1948, 84.9361
YIQ	209.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

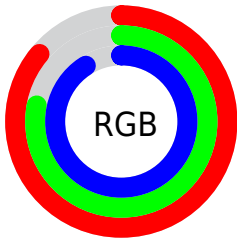
Format	Color
R _Y B	219, 200, 232
Decimal	14403816
CIE Lab	83.02, 12.40, -13.39
CIE LCh	83, 18.247, 312.792
Yxy	62.1948, 0.3045, 0.2940
Android (android.graphics.Color)	4292593896 (0xFFDBC8E8)
YUV	209.3290, 11.1768, 8.4815
Hunter-Lab	78.8637, 7.7878, -8.6507

Details

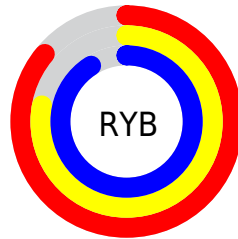
The Yxy color $62.1948, 0.3045, 0.2940$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $76.0288, 0.3200, 0.3645$, and the grayscale version is $63.9080, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5849, 0.3027, 0.2860$ is the 20% darker color. If you saturate the color by 10%, you get $50.8265, 0.2973, 0.2666$, and if you desaturate by 10%, it is $75.2823, 0.3107, 0.3198$.

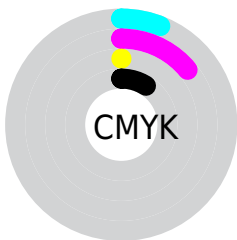
Distribution



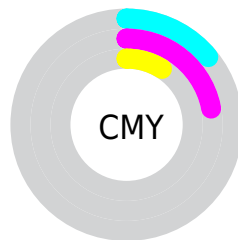
- Red (86%)
- Green (78%)
- Blue (91%)



- Red (86%)
- Yellow (78%)
- Blue (91%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)





- Cyan (14%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1948, 0.3045, 0.2940 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 62.1948, 0.3045, 0.2940 by changing the saturation by 10% instead.

 62.1948, 0.3045,
0.2940

 62.1948, 0.3045,
0.2940


432.6413, 0.3086,
0.3103

 45.1901, 0.3035,
0.2903


108.0070, 0.3060,
0.2996

 31.6072, 0.3023,
0.2857


137.5834, 0.3065,
0.3018

 21.0617, 0.3006,
0.2798


172.1190, 0.3070,
0.3037

 13.1691, 0.2984,
0.2722

211.9984, 0.3074,
0.3054

 7.5451, 0.2952,
0.2617

257.6060, 0.3077,
0.3068

 3.8053, 0.2902,
0.2467

309.3260, 0.3080,

 1.5652, 0.2817,

0.3081

0.2232

367.5430, 0.3083,
0.3092

0.3340, 0.2703,
0.1456

0.0000, 0.0000,
0.0000

62.1948, 0.3045,
0.2940

62.1948, 0.3045,
0.2940

50.8265, 0.2973,
0.2666

75.2823, 0.3107,
0.3198

41.0947, 0.2890,
0.2381

90.1508, 0.3158,
0.3436

32.9220, 0.2796,
0.2094

97.1816, 0.3213,
0.3516

26.2213, 0.2694,
0.1815

98.6049, 0.3262,
0.3513

■ 20.8965, 0.2585,
0.1558

■ 16.8400, 0.2474,
0.1337

■ 13.9273, 0.2364,
0.1163

■ 12.0074, 0.2261,
0.1041

■ 11.1677, 0.2201,
0.0986

Harmonies

Analogous

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



62.1948, 0.2839, 0.2904



62.1948, 0.3045, 0.2940



62.1948, 0.3280, 0.3061

Triad

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



62.1948, 0.3045, 0.2940



62.1948, 0.3556, 0.3603



62.1948, 0.2784, 0.3328

Complementary

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



62.1948, 0.3045, 0.2940



76.0288, 0.3200, 0.3645

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.



62.1948, 0.2966, 0.3537



62.1948, 0.3045, 0.2940



62.1948, 0.3413, 0.3695

Square

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



62.1948, 0.3045, 0.2940



62.1948, 0.3582, 0.3435



62.1948, 0.3196, 0.3673



62.1948, 0.2693, 0.3118

Rectangle

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



62.1948, 0.3045, 0.2940



62.1948, 0.3421, 0.3175



62.1948, 0.3196, 0.3673



62.1948, 0.2836, 0.3402

Sweetspot

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



62.1975, 0.3045, 0.2940



92.8827, 0.3105, 0.3192



65.8687, 0.2911, 0.3079



19.6028, 0.3101, 0.3173



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.



62.1975, 0.3045, 0.2940



72.1893, 0.3022, 0.2851



64.1491, 0.3162, 0.2978



14.3066, 0.3073, 0.3054



6.2766, 0.2216, 0.0994



0.5178, 0.2358, 0.1072

Inverse Universe

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



63.2820, 0.3282, 0.3149



73.8486, 0.3326, 0.3113



74.2812, 0.3094, 0.3623



14.4650, 0.3229, 0.3194



10.0034, 0.5339, 0.2715



0.7573, 0.4957, 0.2504

Previews

White Background



This preview shows how the Yxy color 62.1948, 0.3045, 0.2940 looks on a white background.

Color Contrast Check

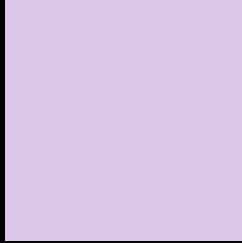
Large Text (above 18pt) WCAG AA × Fail

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 62.1948, 0.3045, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

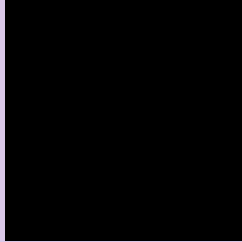
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1948, 0.3045, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 62.1948, 0.3045, 0.2940.



This preview shows how white text looks on a background with the Yxy color 62.1948, 0.3045, 0.2940.

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

62.1948, 0.3045, 0.2940

Protanopia

62.2174, 0.2903, 0.2952

Deuteranopia

62.0466, 0.3016, 0.2948



Tritanopia

62.0547, 0.3128, 0.3111

Trichromacy



Original Color

62.1948, 0.3045, 0.2940

Protanomaly

62.0623, 0.2951, 0.2944

Deuteranomaly

62.1984, 0.3023, 0.2948

Tritanomaly

62.0064, 0.3100, 0.3046

Monochromacy



Original Color

62.1948, 0.3045, 0.2940

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2985, 0.3103, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1948, 0.3045, 0.2940 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 232) }
```

Border

The CSS property to change the border of an element to Yxy 62.1948, 0.3045, 0.2940 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, 232) }
```

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

```
.border{ border-color:rgb(219, 200, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 232);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1948, 0.3045, 0.2940 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, 232) }
```

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

```
.background{ background-color: rgb(219,  
200, 232) }
```

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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