

Converting Colors

$Yxy(60.2446, 0.3037, 0.2924)$

Have a look what the booklet for
Yxy(60.2446, 0.3037, 0.2924)
contains.

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Color

Yxy(60.2446, 0.3037, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	D8C5E6
RGB	216, 197, 230
RGB Percent	85%, 77%, 90%
CMY	0.1529, 0.2275, 0.0979
CMYK	0.06, 0.14, 0.00, 0.10
HSL	275°, 40%, 84%
HSV	275°, 14%, 90%
XYZ	62.5728, 60.2446, 83.2175
YIQ	206.4430, 0.7310, 14.2910

Conversions

Conversions Part 2

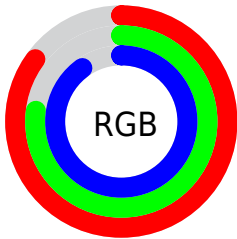
Format	Color
R _Y B	216, 197, 230
Decimal	14206438
CIE _{Lab}	81.97, 12.67, -13.94
CIE _{LCh}	82, 18.843, 312.272
Y _{xy}	60.2446, 0.3037, 0.2924
Android (android.graphics.Color)	4292396518 (0xFFD8C5E6)
YUV	206.4430, 11.6136, 8.3815
Hunter-Lab	77.6174, 8.0709, -9.2356

Details

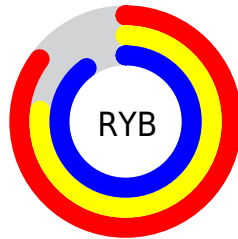
The Yxy color $60.2446, 0.3037, 0.2924$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $74.4966, 0.3206, 0.3660$, and the grayscale version is $61.9466, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $30.2780, 0.3016, 0.2839$ is the 20% darker color. If you saturate the color by 10%, you get $49.1416, 0.2961, 0.2648$, and if you desaturate by 10%, it is $73.0352, 0.3102, 0.3183$.

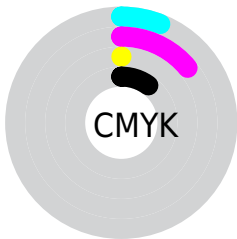
Distribution



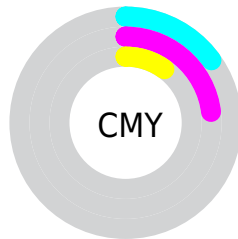
- Red (85%)
- Green (77%)
- Blue (90%)



- Red (85%)
- Yellow (77%)
- Blue (90%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2446, 0.3037, 0.2924 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 60.2446, 0.3037, 0.2924 by changing the saturation by 10% instead.

60.2446, 0.3037,
0.2924

60.2446, 0.3037,
0.2924

425.4988, 0.3082,
0.3095

43.6158, 0.3026,
0.2885

105.1844, 0.3053,
0.2983

30.3686, 0.3012,
0.2836

134.2642, 0.3059,
0.3007

20.1185, 0.2994,
0.2774

168.2632, 0.3064,
0.3026

12.4812, 0.2969,
0.2693

207.5657, 0.3069,
0.3044

7.0723, 0.2933,
0.2581

252.5561, 0.3073,
0.3059

3.5074, 0.2877,
0.2420


303.6188, 0.3076,

1.4020, 0.2779,


0.3072


0.2167


361.1382, 0.3079,
0.3084


 0.2182, 0.2624,
0.1108


 0.0000, 0.0000,
0.0000

 60.2446, 0.3037,
0.2924

 60.2446, 0.3037,
0.2924


 49.1416, 0.2961,
0.2648


 73.0352, 0.3102,
0.3183


 39.6448, 0.2873,
0.2361

 87.5745, 0.3157,
0.3422

 31.6779, 0.2775,
0.2072

 96.7034, 0.3211,
0.3537

 25.1547, 0.2668,
0.1792

 98.4951, 0.3273,
0.3532

■ 19.9806, 0.2555,
0.1534

■ 16.0491, 0.2439,
0.1312

■ 13.2369, 0.2327,
0.1138

■ 11.3938, 0.2221,
0.1017

■ 10.6492, 0.2165,
0.0966

Harmonies

Analogous

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



60.2446, 0.2824, 0.2888



60.2446, 0.3037, 0.2924



60.2446, 0.3283, 0.3048

Triad

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



60.2446, 0.3037, 0.2924



60.2446, 0.3577, 0.3614



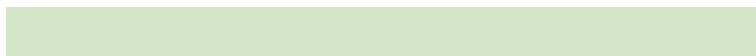
60.2446, 0.2772, 0.3334

Complementary

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



60.2446, 0.3037, 0.2924



74.4966, 0.3206, 0.3660

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.



60.2446, 0.2963, 0.3551



60.2446, 0.3037, 0.2924



60.2446, 0.3429, 0.3712

Square

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



60.2446, 0.3037, 0.2924



60.2446, 0.3601, 0.3437



60.2446, 0.3203, 0.3692



60.2446, 0.2675, 0.3113

Rectangle

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



60.2446, 0.3037, 0.2924



60.2446, 0.3431, 0.3167



60.2446, 0.3203, 0.3692



60.2446, 0.2827, 0.3410

Sweetspot

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



60.2472, 0.3037, 0.2924



92.8516, 0.3104, 0.3192



64.3302, 0.2902, 0.3076



19.5949, 0.3100, 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.



60.2472, 0.3037, 0.2924



72.0666, 0.3017, 0.2850



62.3529, 0.3160, 0.2959



14.2945, 0.3070, 0.3054



6.1005, 0.2180, 0.0975



0.5053, 0.2326, 0.1055

Inverse Universe

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



61.4653, 0.3285, 0.3137



73.8886, 0.3320, 0.3106



72.6157, 0.3096, 0.3645



14.4691, 0.3226, 0.3191



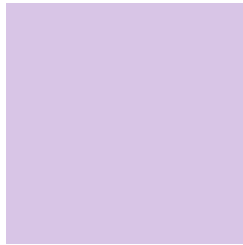
10.0432, 0.5271, 0.2677



0.7604, 0.4898, 0.2472

Previews

White Background



This preview shows how the Yxy color 60.2446, 0.3037, 0.2924 looks on a white background.

Color Contrast Check

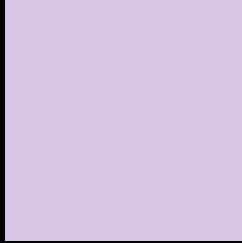
Large Text (above 18pt) WCAG AA × Fail

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 60.2446, 0.3037, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

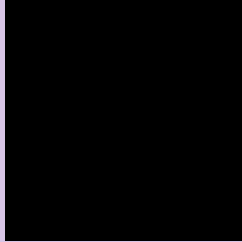
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2446, 0.3037, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 60.2446, 0.3037, 0.2924.



This preview shows how white text looks on a background with the Yxy color 60.2446, 0.3037, 0.2924.

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

60.2446, 0.3037, 0.2924

Protanopia

60.2664, 0.2893, 0.2936

Deuteranopia

60.5571, 0.3007, 0.2944



Tritanopia

60.5110, 0.3127, 0.3120

Trichromacy



Original Color

60.2446, 0.3037, 0.2924

Protanomaly

60.1139, 0.2942, 0.2928

Deuteranomaly

60.2475, 0.3015, 0.2933

Tritanomaly

60.4612, 0.3100, 0.3054

Monochromacy



Original Color

60.2446, 0.3037, 0.2924

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3198, 0.3096, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2446, 0.3037, 0.2924 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(216, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 230)  
}
```

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(216, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 230) }
```

Border

The CSS property to change the border of an element to Yxy 60.2446, 0.3037, 0.2924 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(216, 197, 230) }
```

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

```
.border{ border-color:rgb(216, 197, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(216, 197,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2446, 0.3037, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 230) }
```

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

```
.background{ background-color: rgb(216,  
197, 230) }
```

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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