

Converting Colors

Yxy(65.5196, 0.3043, 0.3092)

Have a look what the booklet for
Yxy(65.5196, 0.3043, 0.3092)
contains.

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Color

Yxy(65.4431, 0.3041, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	D6D1E3
RGB	214, 209, 227
RGB Percent	84%, 82%, 89%
CMY	0.1610, 0.1803, 0.1099
CMYK	0.06, 0.08, 0.00, 0.11
HSL	256°, 24%, 85%
HSV	256°, 8%, 89%
XYZ	64.3845, 65.4431, 81.8939
YIQ	212.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

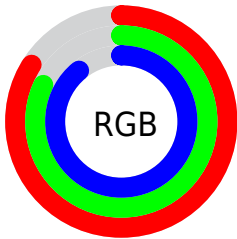
Format	Color
R _Y B	214, 209, 227
Decimal	14078435
CIE Lab	84.71, 5.02, -8.24
CIE LCh	85, 9.651, 301.339
Yxy	65.4431, 0.3041, 0.3091
Android (android.graphics.Color)	4292268515 (0xFFD6D1E3)
YUV	212.5470, 7.1253, 1.2743
Hunter-Lab	80.8969, 0.4956, -3.3928

Details

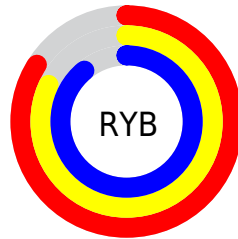
The Yxy color **65.4431, 0.3041, 0.3091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0666, 0.3209, 0.3486**, and the grayscale version is **66.1715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7922, 0.3014, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **52.7366, 0.2917, 0.2815**, and if you desaturate by 10%, it is **79.9922, 0.3148, 0.3340**.

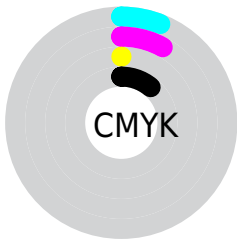
Distribution



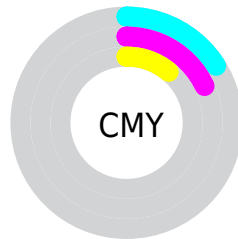
- Red (84%)
- Green (82%)
- Blue (89%)



- Red (84%)
- Yellow (82%)
- Blue (89%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4431, 0.3041, 0.3091 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 65.4431, 0.3041, 0.3091 by changing the saturation by 10% instead.

■ 65.4431, 0.3041,
0.3091

■ 65.4431, 0.3041,
0.3091

444.3826, 0.3082,
0.3184

■ 47.8205, 0.3031,
0.3070

112.6867, 0.3055,
0.3123

■ 33.6847, 0.3019,
0.3043

143.0764, 0.3061,
0.3136

■ 22.6515, 0.3004,
0.3009

178.4906, 0.3066,
0.3147

■ 14.3364, 0.2983,
0.2965

219.3136, 0.3070,
0.3156

■ 8.3550, 0.2954,
0.2903

265.9300, 0.3073,
0.3164

■ 4.3229, 0.2911,
0.2814

318.7240, 0.3077,

■ 1.8558, 0.2839,

0.3172

0.2671

378.0800, 0.3079,
0.3178

0.5216, 0.2693,
0.2272

0.0000, 0.0000,
0.0000

65.4431, 0.3041,
0.3091

65.4431, 0.3041,
0.3091

52.7366, 0.2917,
0.2815

79.9922, 0.3148,
0.3340

41.7901, 0.2776,
0.2514

96.4453, 0.3240,
0.3561

32.5272, 0.2618,
0.2194

98.3248, 0.3292,
0.3562

24.8626, 0.2448,
0.1867

■ 18.7032, 0.2270,
0.1546

■ 13.9462, 0.2094,
0.1252

■ 10.4753, 0.1931,
0.1005

■ 8.1550, 0.1791,
0.0822

■ 6.7994, 0.1681,
0.0708

Harmonies

Analogous

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



65.4431, 0.2945, 0.3094



65.4431, 0.3041, 0.3091



65.4431, 0.3162, 0.3139

Triad

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



65.4431, 0.3041, 0.3091



65.4431, 0.3362, 0.3427



65.4431, 0.2980, 0.3354

Complementary

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



65.4431, 0.3041, 0.3091



75.0666, 0.3209, 0.3486

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.



65.4431, 0.3089, 0.3448



65.4431, 0.3041, 0.3091



65.4431, 0.3311, 0.3489

Square

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



65.4431, 0.3041, 0.3091



65.4431, 0.3349, 0.3330



65.4431, 0.3211, 0.3498



65.4431, 0.2910, 0.3243

Rectangle

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



65.4431, 0.3041, 0.3091



65.4431, 0.3240, 0.3194



65.4431, 0.3211, 0.3498



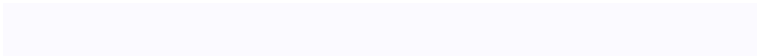
65.4431, 0.3013, 0.3389

Sweetspot

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



65.4459, 0.3041, 0.3091



96.0943, 0.3106, 0.3241



71.4463, 0.3005, 0.3237



20.6091, 0.3107, 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.



65.4459, 0.3041, 0.3091



83.2003, 0.3028, 0.3061



66.8107, 0.3105, 0.3095



14.0778, 0.3023, 0.3050



3.8887, 0.1674, 0.0696



0.3325, 0.1826, 0.0779

Inverse Universe

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



67.2150, 0.3171, 0.3149



85.8218, 0.3177, 0.3128



73.7080, 0.3147, 0.3489



14.5441, 0.3180, 0.3121



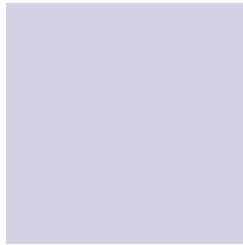
11.1212, 0.4050, 0.2005



0.8373, 0.3899, 0.1922

Previews

White Background



This preview shows how the Yxy color 65.4431, 0.3041, 0.3091 looks on a white background.

Color Contrast Check

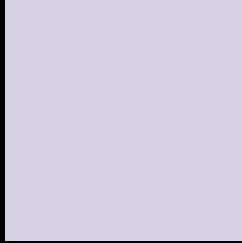
Large Text (above 18pt) WCAG AA × Fail

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 65.4431, 0.3041, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

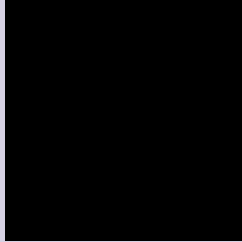
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

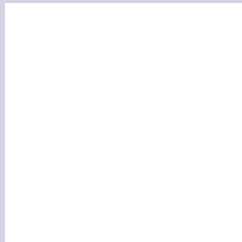
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4431, 0.3041, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 65.4431, 0.3041, 0.3091.

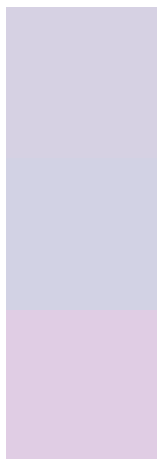


This preview shows how white text looks on a background with the Yxy color 65.4431, 0.3041, 0.3091.

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

65.4431, 0.3041, 0.3091

Protanopia

65.3963, 0.3006, 0.3089

Deuteranopia

65.1114, 0.3109, 0.3041



Tritanopia

65.3881, 0.3048, 0.3101

Trichromacy



Original Color

65.4431, 0.3041, 0.3091

Protanomaly

65.5435, 0.3013, 0.3090

Deuteranomaly

64.9597, 0.3079, 0.3049

Tritanomaly

65.3881, 0.3048, 0.3101

Monochromacy



Original Color

65.4431, 0.3041, 0.3091

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2951, 0.3094, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4431, 0.3041, 0.3091 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(214, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 227)  
}
```

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(214, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 227) }
```

Border

The CSS property to change the border of an element to Yxy 65.4431, 0.3041, 0.3091 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(214, 209, 227) }
```

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

```
.border{ border-color:rgb(214, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4431, 0.3041, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 227) }
```

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

```
.background{ background-color: rgb(214,  
209, 227) }
```

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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