

Converting Colors

Yxy(64.4702, 0.3025, 0.3138)

Have a look what the booklet for
Yxy(64.4702, 0.3025, 0.3138)
contains.

Yxy(64.3385, 0.3025, 0.3132)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.3385, 0.3025, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	D0D1DF
RGB	208, 209, 223
RGB Percent	82%, 82%, 87%
CMY	0.1841, 0.1804, 0.1255
CMYK	0.07, 0.06, 0.00, 0.13
HSL	236°, 19%, 85%
HSV	236°, 7%, 87%
XYZ	62.1405, 64.3385, 78.9441
YIQ	210.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

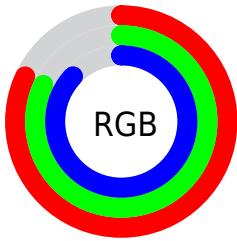
Format	Color
R _Y B	208, 209, 223
Decimal	13685215
CIE Lab	84.14, 2.31, -7.02
CIE LCh	84, 7.387, 288.254
Yxy	64.3385, 0.3025, 0.3132
Android (android.graphics.Color)	4291875295 (0xFFD0D1DF)
YUV	210.2970, 6.2626, -2.0145
Hunter-Lab	80.2113, -2.0840, -2.2054

Details

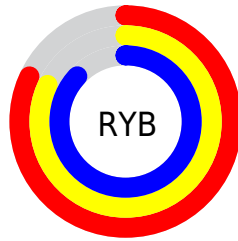
The Yxy color **64.3385, 0.3025, 0.3132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5075, 0.3227, 0.3443**, and the grayscale version is **64.6199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1399, 0.3001, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **51.7445, 0.2857, 0.2869**, and if you desaturate by 10%, it is **78.7366, 0.3174, 0.3363**.

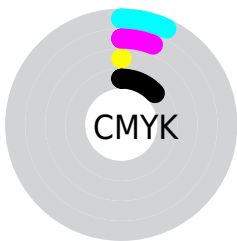
Distribution



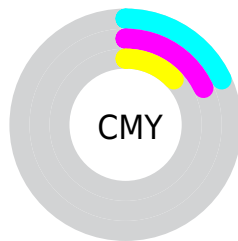
- Red (82%)
- Green (82%)
- Blue (87%)



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



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3385, 0.3025, 0.3132 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 64.3385, 0.3025, 0.3132 by changing the saturation by 10% instead.

■ 64.3385, 0.3025,
0.3132

■ 64.3385, 0.3025,
0.3132

440.4110, 0.3073,
0.3206

■ 46.9249, 0.3014,
0.3115

111.0983, 0.3042,
0.3158

■ 32.9763, 0.2999,
0.3093

141.2133, 0.3049,
0.3168

■ 22.1083, 0.2981,
0.3066

176.3308, 0.3054,
0.3177

■ 13.9365, 0.2957,
0.3029

216.8353, 0.3059,
0.3184

■ 8.0765, 0.2923,
0.2979

263.1112, 0.3063,
0.3191

■ 4.1439, 0.2872,
0.2904

315.5429, 0.3067,

■ 1.7544, 0.2788,

0.3197

0.2782

374.5147, 0.3070,
0.3202

0.4585, 0.2537,
0.2363

0.0000, 0.0000,
0.0000

64.3385, 0.3025,
0.3132

64.3385, 0.3025,
0.3132

51.7445, 0.2857,
0.2869

78.7366, 0.3174,
0.3363

40.8755, 0.2670,
0.2576

94.9974, 0.3305,
0.3563

31.6591, 0.2468,
0.2255

98.1069, 0.3316,
0.3602

24.0141, 0.2259,
0.1917

■ 17.8527, 0.2052,
0.1579

■ 13.0785, 0.1862,
0.1261

■ 9.5835, 0.1703,
0.0989

■ 7.2439, 0.1588,
0.0785

■ 5.9096, 0.1523,
0.0658

Harmonies

Analogous

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



64.3385, 0.2965, 0.3153



64.3385, 0.3025, 0.3132



64.3385, 0.3113, 0.3153

Triad

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



64.3385, 0.3025, 0.3132



64.3385, 0.3310, 0.3366



64.3385, 0.3048, 0.3374

Complementary

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



64.3385, 0.3025, 0.3132



72.5075, 0.3227, 0.3443

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.



64.3385, 0.3140, 0.3433



64.3385, 0.3025, 0.3132



64.3385, 0.3291, 0.3427

Square

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



64.3385, 0.3025, 0.3132



64.3385, 0.3278, 0.3286



64.3385, 0.3229, 0.3452



64.3385, 0.2978, 0.3292

Rectangle

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



64.3385, 0.3025, 0.3132



64.3385, 0.3176, 0.3187



64.3385, 0.3229, 0.3452



64.3385, 0.3077, 0.3397

Sweetspot

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



64.3412, 0.3025, 0.3132



96.0347, 0.3097, 0.3244



71.4580, 0.3030, 0.3301



20.5969, 0.3099, 0.3246



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.



64.3412, 0.3025, 0.3132



84.7401, 0.3003, 0.3098



64.8378, 0.3072, 0.3124



13.3814, 0.2981, 0.3063



3.3743, 0.1512, 0.0641



0.2835, 0.1545, 0.0760

Inverse Universe

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



65.4248, 0.3234, 0.3280



86.4974, 0.3257, 0.3278



72.0013, 0.3179, 0.3456



13.7145, 0.3282, 0.3276



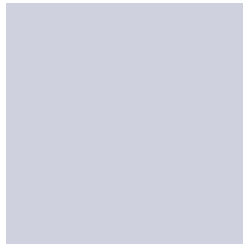
9.2487, 0.6330, 0.3261



0.6461, 0.6134, 0.3153

Previews

White Background



This preview shows how the Yxy color 64.3385, 0.3025, 0.3132 looks on a white background.

Color Contrast Check

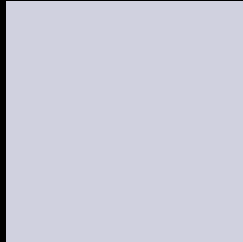
Large Text (above 18pt) WCAG AA × Fail

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 64.3385, 0.3025, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

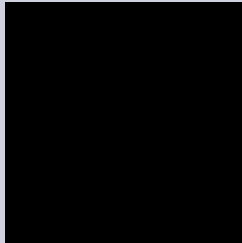
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

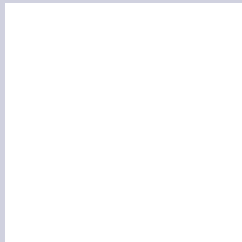
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3385, 0.3025, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 64.3385, 0.3025, 0.3132.

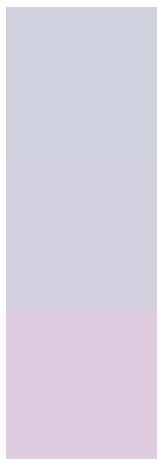


This preview shows how white text looks on a background with the Yxy color 64.3385, 0.3025, 0.3132.

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

64.3385, 0.3025, 0.3132

Protanopia

64.1411, 0.3039, 0.3121

Deuteranopia

64.4148, 0.3137, 0.3072



Tritanopia

64.4471, 0.3011, 0.3110

Trichromacy



Original Color

64.3385, 0.3025, 0.3132

Protanomaly

63.9948, 0.3032, 0.3121

Deuteranomaly

64.4299, 0.3092, 0.3091

Tritanomaly

64.3926, 0.3018, 0.3121

Monochromacy



Original Color

64.3385, 0.3025, 0.3132

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5548, 0.3086, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3385, 0.3025, 0.3132 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(208, 209, 223) looks like.

```
.text, #text, p{  
    color:rgb(208, 209, 223)  
}
```

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(208, 209, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 209, 223) }
```

Border

The CSS property to change the border of an element to Yxy 64.3385, 0.3025, 0.3132 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(208, 209, 223) }
```

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

```
.border{ border-color:rgb(208, 209, 223) }
```

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

Here you see how a box with a 4 pixel rgb(208, 209, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 209, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 209, 223);  
box-shadow:4px 4px 4px 4px rgb(208, 209,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3385, 0.3025, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 209, 223) }
```

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

```
.background{ background-color: rgb(208,  
209, 223) }
```

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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