

Converting Colors

Yxy(64.7817, 0.3027, 0.3158)

Have a look what the booklet for
Yxy(64.7817, 0.3027, 0.3158)
contains.

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Color

Yxy(64.6325, 0.3024, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	CFD2DE
RGB	207, 210, 222
RGB Percent	81%, 82%, 87%
CMY	0.1881, 0.1765, 0.1294
CMYK	0.07, 0.05, 0.00, 0.13
HSL	228°, 19%, 84%
HSV	228°, 7%, 87%
XYZ	61.9685, 64.6325, 78.3213
YIQ	210.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

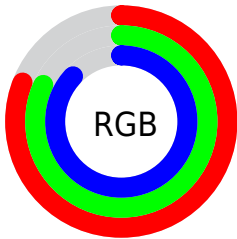
Format	Color
R _Y B	207, 210, 222
Decimal	13619934
CIE Lab	84.29, 1.26, -6.28
CIE LCh	84, 6.403, 281.317
Yxy	64.6325, 0.3024, 0.3154
Android (android.graphics.Color)	4291810014 (0xFFCFD2DE)
YUV	210.4710, 5.6838, -3.0441
Hunter-Lab	80.3943, -3.1011, -1.4851

Details

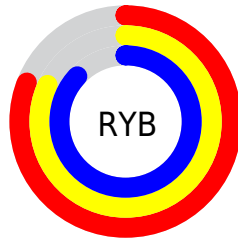
The Yxy color **64.6325, 0.3024, 0.3154** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7169, 0.3230, 0.3422**, and the grayscale version is **64.7428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3393, 0.3001, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **53.3563, 0.2859, 0.2931**, and if you desaturate by 10%, it is **77.3406, 0.3174, 0.3351**.

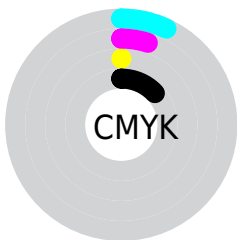
Distribution



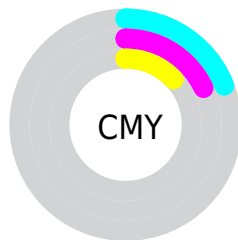
- Red (81%)
- Green (82%)
- Blue (87%)



- Red (81%)
- Yellow (82%)
- Blue (87%)



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



- Cyan (19%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6325, 0.3024, 0.3154 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 64.6325, 0.3024, 0.3154 by changing the saturation by 10% instead.

■ 64.6325, 0.3024,
0.3154

■ 64.6325, 0.3024,
0.3154

441.4702, 0.3073,
0.3218

■ 47.1631, 0.3013,
0.3139

111.5213, 0.3041,
0.3176

■ 33.1646, 0.2998,
0.3120

141.7096, 0.3048,
0.3185

■ 22.2526, 0.2980,
0.3097

176.9063, 0.3053,
0.3193

■ 14.0426, 0.2956,
0.3065

217.4959, 0.3058,
0.3199

■ 8.1503, 0.2922,
0.3021

263.8626, 0.3063,
0.3205

■ 4.1913, 0.2871,
0.2956

316.3910, 0.3066,

■ 1.7811, 0.2788,

0.3210

0.2850

375.4654, 0.3070,
0.3214

0.4754, 0.2520,
0.2483

0.0000, 0.0000,
0.0000

64.6325, 0.3024,
0.3154

64.6325, 0.3024,
0.3154

53.3563, 0.2859,
0.2931

77.3406, 0.3174,
0.3351

43.4532, 0.2679,
0.2681

91.5202, 0.3309,
0.3524

34.8725, 0.2489,
0.2407

98.0544, 0.3321,
0.3611

27.5572, 0.2294,
0.2115

■ 21.4460, 0.2102,
0.1814

■ 16.4723, 0.1923,
0.1518

■ 12.5629, 0.1769,
0.1244

■ 9.6350, 0.1649,
0.1009

■ 7.5909, 0.1569,
0.0827

Harmonies

Analogous

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



64.6325, 0.2980, 0.3180



64.6325, 0.3024, 0.3154



64.6325, 0.3096, 0.3164

Triad

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



64.6325, 0.3024, 0.3154



64.6325, 0.3282, 0.3341



64.6325, 0.3076, 0.3377

Complementary

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



64.6325, 0.3024, 0.3154



70.7169, 0.3230, 0.3422

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.



64.6325, 0.3157, 0.3421



64.6325, 0.3024, 0.3154



64.6325, 0.3277, 0.3399

Square

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



64.6325, 0.3024, 0.3154



64.6325, 0.3246, 0.3270



64.6325, 0.3230, 0.3429



64.6325, 0.3010, 0.3309

Rectangle

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



64.6325, 0.3024, 0.3154



64.6325, 0.3151, 0.3189



64.6325, 0.3230, 0.3429



64.6325, 0.3102, 0.3395

Sweetspot

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



64.6352, 0.3024, 0.3154



96.4654, 0.3097, 0.3251



70.6306, 0.3042, 0.3323



20.6846, 0.3099, 0.3253



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.



64.6352, 0.3024, 0.3154



86.3430, 0.3003, 0.3126



63.8363, 0.3057, 0.3122



13.6818, 0.2981, 0.3096



4.3312, 0.1555, 0.0799



0.4260, 0.1632, 0.1074

Inverse Universe

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



64.8204, 0.3220, 0.3257



86.6593, 0.3240, 0.3251



71.5834, 0.3194, 0.3456



13.7448, 0.3261, 0.3244



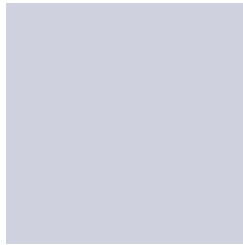
9.3453, 0.6071, 0.3118



0.6605, 0.5648, 0.2885

Previews

White Background



This preview shows how the Yxy color 64.6325, 0.3024, 0.3154 looks on a white background.

Color Contrast Check

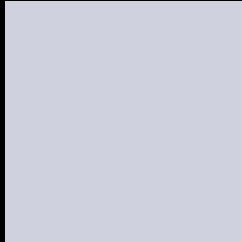
Large Text (above 18pt) WCAG AA × Fail

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 64.6325, 0.3024, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

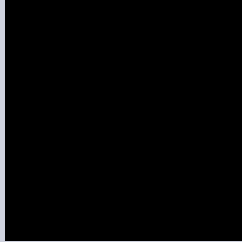
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

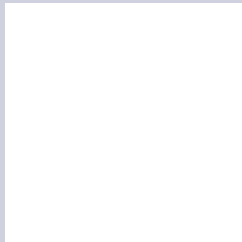
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6325, 0.3024, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 64.6325, 0.3024, 0.3154.

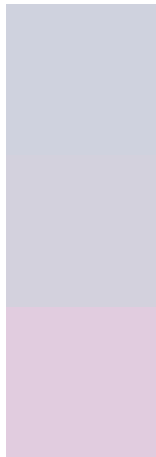


This preview shows how white text looks on a background with the Yxy color 64.6325, 0.3024, 0.3154.

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

64.6325, 0.3024, 0.3154

Protanopia

64.6703, 0.3060, 0.3155

Deuteranopia

64.5210, 0.3152, 0.3083



Tritanopia

64.5018, 0.3005, 0.3099

Trichromacy



Original Color

64.6325, 0.3024, 0.3154

Protanomaly

64.5230, 0.3052, 0.3155

Deuteranomaly

64.3758, 0.3099, 0.3102

Tritanomaly

64.4471, 0.3011, 0.3110

Monochromacy



Original Color

64.6325, 0.3024, 0.3154

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5035, 0.3092, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6325, 0.3024, 0.3154 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(207, 210, 222)` looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 222)  
}
```

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(207, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 222) }
```

Border

The CSS property to change the border of an element to Yxy 64.6325, 0.3024, 0.3154 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(207, 210, 222) }
```

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

```
.border{ border-color:rgb(207, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6325, 0.3024, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 222) }
```

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

```
.background{ background-color: rgb(207,  
210, 222) }
```

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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