

Converting Colors

$Yxy(66.1165, 0.3054, 0.3145)$

Have a look what the booklet for
Yxy(66.1165, 0.3054, 0.3145)
contains.

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Color

Yxy(66.1165, 0.3054, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	D5D3E0
RGB	213, 211, 224
RGB Percent	84%, 83%, 88%
CMY	0.1645, 0.1726, 0.1215
CMYK	0.05, 0.06, 0.00, 0.12
HSL	250°, 17%, 85%
HSV	250°, 6%, 88%
XYZ	64.2034, 66.1165, 79.9074
YIQ	213.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

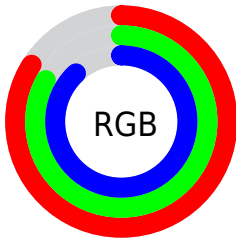
Format	Color
R _Y B	213, 211, 224
Decimal	14013408
CIE Lab	85.06, 3.12, -6.17
CIE LCh	85, 6.913, 296.863
Yxy	66.1165, 0.3054, 0.3145
Android (android.graphics.Color)	4292203488 (0xFFD5D3E0)
YUV	213.0800, 5.3836, -0.0702
Hunter-Lab	81.3121, -1.3537, -1.3473

Details

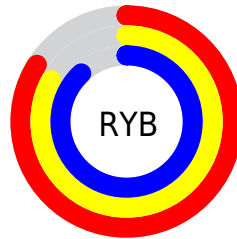
The Yxy color $66.1165, 0.3054, 0.3145$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.5408, 0.3198, 0.3432$, and the grayscale version is $66.5679, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.2476, 0.3030, 0.3115$ is the 20% darker color. If you saturate the color by 10%, you get $53.0987, 0.2913, 0.2872$, and if you desaturate by 10%, it is $81.0180, 0.3176, 0.3388$.

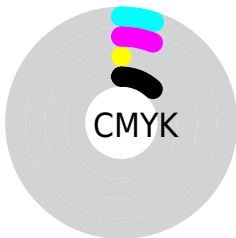
Distribution



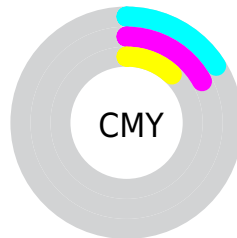
- Red (84%)
- Green (83%)
- Blue (88%)



- Red (84%)
- Yellow (83%)
- Blue (88%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1165, 0.3054, 0.3145 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 66.1165, 0.3054, 0.3145 by changing the saturation by 10% instead.

■ 66.1165, 0.3054,
0.3145

■ 66.1165, 0.3054,
0.3145

446.7934, 0.3089,
0.3213

■ 48.3670, 0.3046,
0.3129

113.6535, 0.3066,
0.3169

■ 34.1176, 0.3036,
0.3110

144.2098, 0.3071,
0.3178

■ 22.9840, 0.3023,
0.3085

179.8038, 0.3075,
0.3186

■ 14.5817, 0.3006,
0.3052

220.8200, 0.3078,
0.3193

■ 8.5263, 0.2981,
0.3007

267.6426, 0.3081,
0.3199

■ 4.4335, 0.2946,
0.2941

320.6561, 0.3084,

■ 1.9189, 0.2887,

0.3204

0.2834

380.2449, 0.3086,
0.3209

0.5597, 0.2752,
0.2532

0.0000, 0.0000,
0.0000

66.1165, 0.3054,
0.3145

66.1165, 0.3054,
0.3145

53.0987, 0.2913,
0.2872

81.0180, 0.3176,
0.3388

41.8813, 0.2754,
0.2569

97.3612, 0.3282,
0.3594

32.3870, 0.2577,
0.2243

98.1625, 0.3309,
0.3591

24.5300, 0.2387,
0.1902

■ 18.2167, 0.2191,
0.1565

■ 13.3442, 0.2001,
0.1251

■ 9.7967, 0.1830,
0.0985

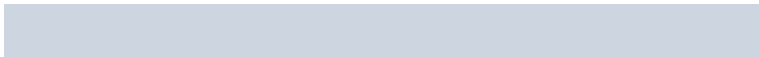
■ 7.4404, 0.1690,
0.0787

■ 6.1118, 0.1591,
0.0667

Harmonies

Analogous

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



66.1165, 0.2989, 0.3153



66.1165, 0.3054, 0.3145



66.1165, 0.3139, 0.3175

Triad

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



66.1165, 0.3054, 0.3145



66.1165, 0.3296, 0.3379



66.1165, 0.3032, 0.3347

Complementary

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



66.1165, 0.3054, 0.3145



73.5408, 0.3198, 0.3432

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.



66.1165, 0.3114, 0.3410



66.1165, 0.3054, 0.3145



66.1165, 0.3266, 0.3428

Square

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



66.1165, 0.3054, 0.3145



66.1165, 0.3280, 0.3308



66.1165, 0.3199, 0.3439



66.1165, 0.2977, 0.3269

Rectangle

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



66.1165, 0.3054, 0.3145



66.1165, 0.3196, 0.3212



66.1165, 0.3199, 0.3439



66.1165, 0.3058, 0.3371

Sweetspot

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



66.1193, 0.3054, 0.3145



95.9849, 0.3103, 0.3241



71.5034, 0.3037, 0.3268



20.5868, 0.3104, 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.



66.1193, 0.3054, 0.3145



86.3993, 0.3038, 0.3113



67.0946, 0.3100, 0.3147



13.9018, 0.3031, 0.3100



3.3798, 0.1569, 0.0638



0.2669, 0.1696, 0.0708

Inverse Universe

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



67.7016, 0.3148, 0.3171



88.9535, 0.3153, 0.3145



72.5508, 0.3152, 0.3434



14.3456, 0.3155, 0.3135



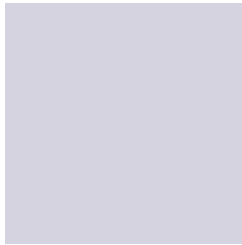
11.3601, 0.3656, 0.1788



0.7976, 0.3576, 0.1744

Previews

White Background



This preview shows how the Yxy color 66.1165, 0.3054, 0.3145 looks on a white background.

Color Contrast Check

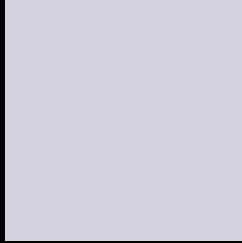
Large Text (above 18pt) WCAG AA × Fail

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 66.1165, 0.3054, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

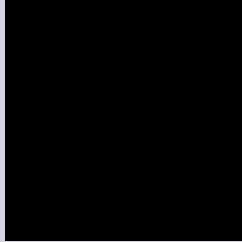
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

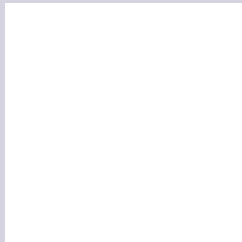
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1165, 0.3054, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 66.1165, 0.3054, 0.3145.

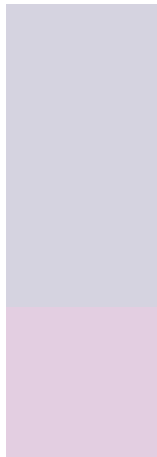


This preview shows how white text looks on a background with the Yxy color 66.1165, 0.3054, 0.3145.

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

66.1165, 0.3054, 0.3145

Protanopia

66.1165, 0.3054, 0.3145

Deuteranopia

65.9097, 0.3152, 0.3085



Tritanopia

65.9354, 0.3041, 0.3102

Trichromacy



Original Color

66.1165, 0.3054, 0.3145

Protanomaly

66.1165, 0.3054, 0.3145

Deuteranomaly

66.0776, 0.3114, 0.3105

Tritanomaly

65.8803, 0.3048, 0.3113

Monochromacy



Original Color

66.1165, 0.3054, 0.3145

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2429, 0.3100, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1165, 0.3054, 0.3145 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(213, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 224)  
}
```

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(213, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 224) }
```

Border

The CSS property to change the border of an element to Yxy 66.1165, 0.3054, 0.3145 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(213, 211, 224) }
```

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

```
.border{ border-color:rgb(213, 211, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1165, 0.3054, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 224) }
```

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

```
.background{ background-color: rgb(213,  
211, 224) }
```

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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