

Converting Colors

$Yxy(66.4268, 0.2939, 0.3022)$

Have a look what the booklet for
Yxy(66.4268, 0.2939, 0.3022)
contains.

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Color

Yxy(66.5530, 0.2940, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	D0D4EC
RGB	208, 212, 236
RGB Percent	82%, 83%, 93%
CMY	0.1845, 0.1685, 0.0746
CMYK	0.12, 0.10, 0.00, 0.07
HSL	231°, 42%, 87%
HSV	231°, 12%, 93%
XYZ	64.6829, 66.5530, 88.7740
YIQ	213.5400, -10.0880, 6.6160

Conversions

Conversions Part 2

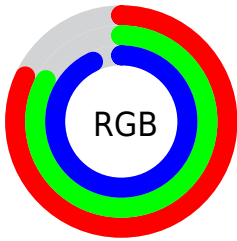
Format	Color
R _Y B	208, 212, 236
Decimal	13685996
CIE Lab	85.28, 3.26, -12.22
CIE LCh	85, 12.651, 284.918
Yxy	66.5530, 0.2940, 0.3025
Android (android.graphics.Color)	4291876076 (0xFFD0D4EC)
YUV	213.5400, 11.0728, -4.8586
Hunter-Lab	81.5800, -1.2365, -7.4124

Details

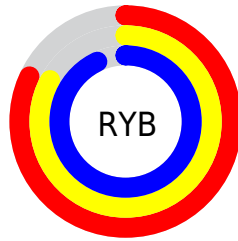
The Yxy color $66.5530, 0.2940, 0.3025$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80.0407, 0.3310, 0.3542$, and the grayscale version is $66.8460, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.1815, 0.2891, 0.2956$ is the 20% darker color. If you saturate the color by 10%, you get $53.9230, 0.2764, 0.2770$, and if you desaturate by 10%, it is $80.9572, 0.3099, 0.3251$.

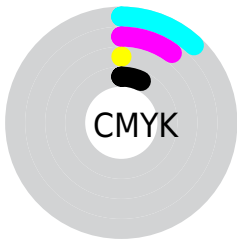
Distribution



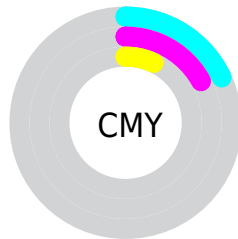
- Red (82%)
- Green (83%)
- Blue (93%)



- Red (82%)
- Yellow (83%)
- Blue (93%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5530, 0.2940, 0.3025 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 66.5530, 0.2940, 0.3025 by changing the saturation by 10% instead.

■ 66.5530, 0.2940,
0.3025

■ 66.5530, 0.2940,
0.3025

448.3520, 0.3028,
0.3148

■ 48.7215, 0.2920,
0.2997

114.2797, 0.2971,
0.3068

■ 34.3986, 0.2894,
0.2962

144.9436, 0.2983,
0.3085

■ 23.2000, 0.2862,
0.2917

180.6537, 0.2993,
0.3099

■ 14.7412, 0.2819,
0.2859

221.7945, 0.3002,
0.3111

■ 8.6380, 0.2759,
0.2779

268.7504, 0.3010,
0.3122

■ 4.5058, 0.2672,
0.2663

321.9056, 0.3016,

■ 1.9603, 0.2533,

0.3132

0.2481

381.6447, 0.3023,
0.3141

0.5843, 0.2258,
0.2078

0.0000, 0.0000,
0.0000

66.5530, 0.2940,
0.3025

66.5530, 0.2940,
0.3025

53.9230, 0.2764,
0.2770

80.9572, 0.3099,
0.3251

42.9903, 0.2575,
0.2488

97.1641, 0.3241,
0.3449

33.6843, 0.2375,
0.2184

98.8347, 0.3238,
0.3474

25.9267, 0.2174,
0.1867

■ 19.6323, 0.1981,
0.1552

■ 14.7075, 0.1809,
0.1258

■ 11.0478, 0.1671,
0.1005

■ 8.5326, 0.1575,
0.0811

■ 7.2141, 0.1528,
0.0702

Harmonies

Analogous

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



66.5530, 0.2848, 0.3065



66.5530, 0.2940, 0.3025



66.5530, 0.3084, 0.3053

Triad

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



66.5530, 0.2940, 0.3025



66.5530, 0.3436, 0.3401



66.5530, 0.3009, 0.3447

Complementary

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



66.5530, 0.2940, 0.3025



80.0407, 0.3310, 0.3542

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.



66.5530, 0.3164, 0.3542



66.5530, 0.2940, 0.3025



66.5530, 0.3413, 0.3511

Square

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



66.5530, 0.2940, 0.3025



66.5530, 0.3373, 0.3266



66.5530, 0.3313, 0.3565



66.5530, 0.2887, 0.3307

Rectangle

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



66.5530, 0.2940, 0.3025



66.5530, 0.3191, 0.3106



66.5530, 0.3313, 0.3565



66.5530, 0.3059, 0.3485

Sweetspot

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



66.5558, 0.2940, 0.3025



92.6793, 0.3067, 0.3205



79.1931, 0.2970, 0.3335



19.5509, 0.3055, 0.3188



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.



66.5558, 0.2940, 0.3025



75.8987, 0.2903, 0.2972



66.0119, 0.3009, 0.2985



14.9018, 0.2980, 0.3082



4.0900, 0.1533, 0.0719



0.4309, 0.1591, 0.0927

Inverse Universe

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



67.6719, 0.3311, 0.3247



77.4879, 0.3351, 0.3239



80.7244, 0.3236, 0.3589



15.0897, 0.3270, 0.3256



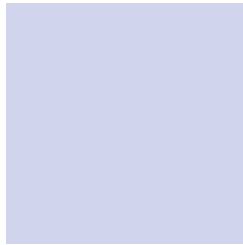
9.9057, 0.6201, 0.3190



0.7889, 0.5870, 0.3007

Previews

White Background



This preview shows how the Yxy color 66.5530, 0.2940, 0.3025 looks on a white background.

Color Contrast Check

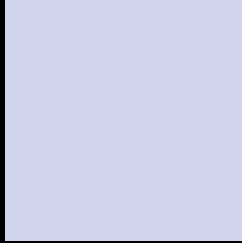
Large Text (above 18pt) WCAG AA × Fail

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 66.5530, 0.2940, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

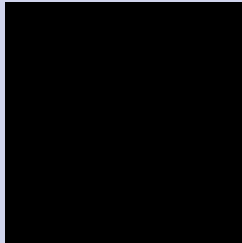
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5530, 0.2940, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 66.5530, 0.2940, 0.3025.

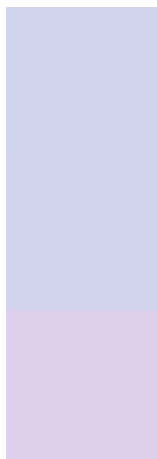


This preview shows how white text looks on a background with the Yxy color 66.5530, 0.2940, 0.3025.

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

66.5530, 0.2940, 0.3025

Protanopia

66.3463, 0.2954, 0.3014

Deuteranopia

66.2697, 0.3032, 0.2967



Tritanopia

66.5671, 0.2972, 0.3100

Trichromacy



Original Color

66.5530, 0.2940, 0.3025

Protanomaly

66.2000, 0.2947, 0.3014

Deuteranomaly

66.4671, 0.2996, 0.2986

Tritanomaly

66.6801, 0.2959, 0.3078

Monochromacy



Original Color

66.5530, 0.2940, 0.3025

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8595, 0.3059, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5530, 0.2940, 0.3025 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, 212, 236)` looks like.

```
.text, #text, p{  
    color:rgb(208, 212, 236)  
}
```

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, 212, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 236) }
```

Border

The CSS property to change the border of an element to Yxy 66.5530, 0.2940, 0.3025 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, 212, 236) }
```

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

```
.border{ border-color:rgb(208, 212, 236) }
```

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

Here you see how a box with a 4 pixel rgb(208, 212, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 236);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5530, 0.2940, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 236) }
```

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

```
.background{ background-color: rgb(208,  
212, 236) }
```

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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