

Converting Colors

Yxy(64.4665, 0.2820, 0.2994)

Have a look what the booklet for
Yxy(64.4665, 0.2820, 0.2994)
contains.

Yxy(64.4665, 0.2820, 0.2994)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.4665, 0.2820, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	C0D4EE
RGB	192, 212, 238
RGB Percent	75%, 83%, 93%
CMY	0.2469, 0.1686, 0.0667
CMYK	0.19, 0.11, 0.00, 0.07
HSL	214°, 57%, 84%
HSV	214°, 19%, 93%
XYZ	60.7199, 64.4665, 90.1325
YIQ	208.9840, -20.2660, 3.8460

Conversions

Conversions Part 2

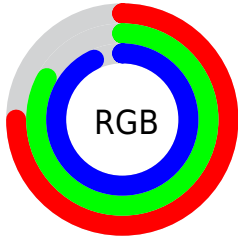
Format	Color
R _Y B	192, 206, 238
Decimal	12637422
CIE Lab	84.21, -1.30, -15.02
CIE LCh	84, 15.073, 265.035
Yxy	64.4665, 0.2820, 0.2994
Android (android.graphics.Color)	4290827502 (0xFFC0D4EE)
YUV	208.9840, 14.3049, -14.8950
Hunter-Lab	80.2910, -5.5190, -10.3536

Details

The Yxy color `64.4665, 0.2820, 0.2994` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72.1469, 0.3456, 0.3569`, and the grayscale version is `63.6691, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.8797, 0.3090, 0.3290`, and `32.8946, 0.2745, 0.2915` is the 20% darker color. If you saturate the color by 10%, you get `55.1557, 0.2652, 0.2815`, and if you desaturate by 10%, it is `74.8463, 0.2983, 0.3155`.

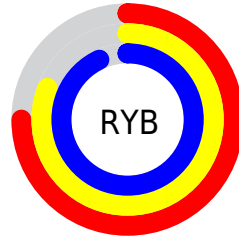
Distribution



Red (75%)

Green (83%)

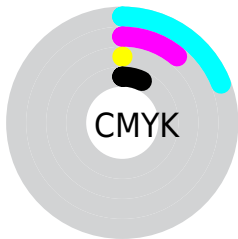
Blue (93%)



Red (75%)

Yellow (81%)

Blue (93%)

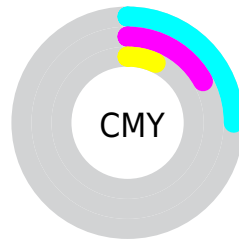


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4665, 0.2820, 0.2994 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 64.4665, 0.2820, 0.2994 by changing the saturation by 10% instead.

■ 64.4665, 0.2820,
0.2994

■ 64.4665, 0.2820,
0.2994

■ 440.8723, 0.2964,
0.3134

■ 47.0286, 0.2787,
0.2962

■ 111.2825, 0.2870,
0.3043

■ 33.0583, 0.2745,
0.2921

■ 141.4294, 0.2890,
0.3062

■ 22.1711, 0.2692,
0.2870

■ 176.5814, 0.2907,
0.3078

■ 13.9827, 0.2623,
0.2802

■ 217.1230, 0.2921,
0.3092

■ 8.1086, 0.2528,
0.2708

■ 263.4385, 0.2934,
0.3104

■ 4.1645, 0.2389,
0.2571

■ 315.9122, 0.2945,

■ 1.7660, 0.2170,

0.3115

374.9287, 0.2955,
0.3125

0.2353

0.4659, 0.1603,
0.1817

0.0000, 0.0000,
0.0000

64.4665, 0.2820,
0.2994

64.4665, 0.2820,
0.2994

55.1557, 0.2652,
0.2815

74.8463, 0.2983,
0.3155

46.8683, 0.2481,
0.2621

86.3229, 0.3137,
0.3299

39.5666, 0.2313,
0.2412

97.2980, 0.3228,
0.3429

33.2073, 0.2153,
0.2194

98.9532, 0.3226,
0.3454

■ 27.7433, 0.2008,
0.1971

■ 23.1220, 0.1883,
0.1751

■ 19.2835, 0.1783,
0.1542

■ 16.1421, 0.1710,
0.1351

■ 15.9463, 0.1705,
0.1338

Harmonies

Analogous

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



64.4665, 0.2766, 0.3092



64.4665, 0.2820, 0.2994



64.4665, 0.2955, 0.2975

Triad

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



64.4665, 0.2820, 0.2994



64.4665, 0.3460, 0.3315



64.4665, 0.3106, 0.3565

Complementary

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



64.4665, 0.2820, 0.2994



72.1469, 0.3456, 0.3569

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.



64.4665, 0.3294, 0.3624



64.4665, 0.2820, 0.2994



64.4665, 0.3502, 0.3472

Square

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



64.4665, 0.2820, 0.2994



64.4665, 0.3325, 0.3158



64.4665, 0.3440, 0.3587



64.4665, 0.2928, 0.3426

Rectangle

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



64.4665, 0.2820, 0.2994



64.4665, 0.3075, 0.3007



64.4665, 0.3440, 0.3587



64.4665, 0.3170, 0.3595

Sweetspot

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



64.4691, 0.2820, 0.2994



91.8143, 0.3035, 0.3205



77.3871, 0.2954, 0.3523



19.4674, 0.3024, 0.3195



0.0000, 0.0000, 0.0000



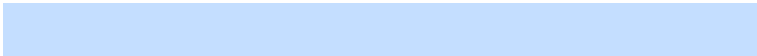
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.4691, 0.2820, 0.2994



71.1506, 0.2757, 0.2929



55.3996, 0.2822, 0.2761



16.3580, 0.2980, 0.3153



9.1429, 0.1713, 0.1367



0.9549, 0.1784, 0.1622

Inverse Universe

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



60.6441, 0.3348, 0.3076



66.1623, 0.3401, 0.3032



82.7397, 0.3402, 0.3774



15.8729, 0.3225, 0.3188



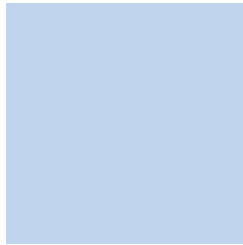
10.7163, 0.5235, 0.2658



0.9111, 0.4904, 0.2475

Previews

White Background



This preview shows how the Yxy color 64.4665, 0.2820, 0.2994 looks on a white background.

Color Contrast Check

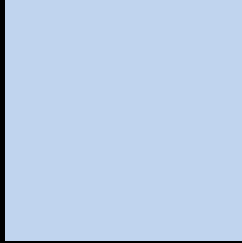
Large Text (above 18pt) WCAG AA × Fail

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 64.4665, 0.2820, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

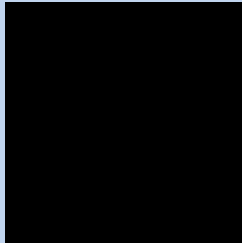
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

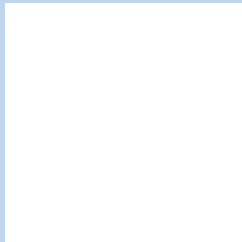
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4665, 0.2820, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 64.4665, 0.2820, 0.2994.



This preview shows how white text looks on a background with the Yxy color 64.4665, 0.2820, 0.2994.

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

64.4665, 0.2820, 0.2994

Protanopia

64.2897, 0.2925, 0.2978

Deuteranopia

64.0759, 0.2969, 0.2899



Tritanopia

64.3780, 0.2862, 0.3094

Trichromacy



Original Color

64.4665, 0.2820, 0.2994

Protanomaly

64.1329, 0.2885, 0.2976

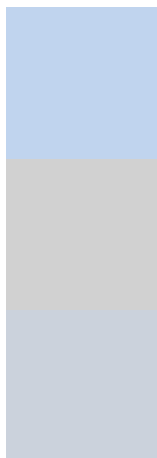
Deuteranomaly

64.1230, 0.2913, 0.2936

Tritanomaly

64.5481, 0.2844, 0.3060

Monochromacy



Original Color

64.4665, 0.2820, 0.2994

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9570, 0.3008, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4665, 0.2820, 0.2994 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(192, 212, 238)` looks like.

```
.text, #text, p{  
    color:rgb(192, 212, 238)  
}
```

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(192, 212, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 238) }
```

Border

The CSS property to change the border of an element to Yxy 64.4665, 0.2820, 0.2994 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(192, 212, 238) }
```

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

```
.border{ border-color:rgb(192, 212, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 212, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 238);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4665, 0.2820, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 238) }
```

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

```
.background{ background-color: rgb(192,  
212, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor