

Converting Colors

$Yxy(63.3473, 0.2744, 0.2826)$

Have a look what the booklet for
Yxy(63.3473, 0.2744, 0.2826)
contains.

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Color

Yxy(63.2203, 0.2746, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	C0D0FA
RGB	192, 208, 250
RGB Percent	75%, 82%, 98%
CMY	0.2468, 0.1844, 0.0196
CMYK	0.23, 0.17, 0.00, 0.02
HSL	224°, 85%, 87%
HSV	224°, 23%, 98%
XYZ	61.5613, 63.2203, 99.4038
YIQ	208.0040, -23.0180, 9.6700

Conversions

Conversions Part 2

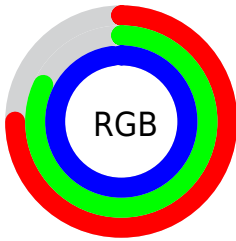
Format	Color
R _Y B	192, 205, 250
Decimal	12636410
CIE Lab	83.56, 3.48, -22.37
CIE LCh	84, 22.636, 278.835
Yxy	63.2203, 0.2746, 0.2820
Android (android.graphics.Color)	4290826490 (0xFFC0D0FA)
YUV	208.0040, 20.7040, -14.0355
Hunter-Lab	79.5112, -0.9414, -18.4657

Details

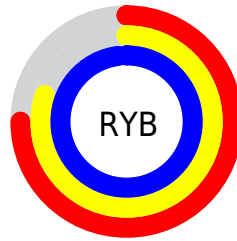
The Yxy color **63.2203, 0.2746, 0.2820** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.0256, 0.3512, 0.3719**, and the grayscale version is **62.9614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **32.3647, 0.2659, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **51.8901, 0.2564, 0.2579**, and if you desaturate by 10%, it is **76.1205, 0.2919, 0.3038**.

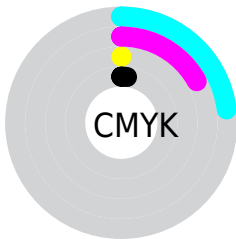
Distribution



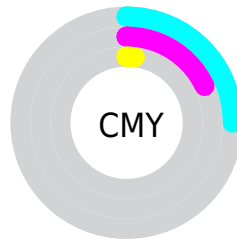
- Red (75%)
- Green (82%)
- Blue (98%)



- Red (75%)
- Yellow (80%)
- Blue (98%)



- Cyan (23%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2203, 0.2746, 0.2820 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 63.2203, 0.2746, 0.2820 by changing the saturation by 10% instead.

■ 63.2203, 0.2746,
0.2820

■ 63.2203, 0.2746,
0.2820

■ 436.3686, 0.2925,
0.3039

■ 46.0195, 0.2704,
0.2770

■ 109.4873, 0.2809,
0.2896

■ 32.2612, 0.2653,
0.2708

■ 139.3222, 0.2833,
0.2926

■ 21.5611, 0.2587,
0.2630

■ 174.1373, 0.2854,
0.2951

■ 13.5347, 0.2501,
0.2528

■ 214.3169, 0.2872,
0.2973

■ 7.7978, 0.2384,
0.2390

■ 260.2454, 0.2888,
0.2993

■ 3.9658, 0.2215,
0.2193

■ 312.3073, 0.2902,

■ 1.6545, 0.1954,

0.3010

0.1896

370.8869, 0.2914,
0.3025

0.3939, 0.1411,
0.1210

0.0000, 0.0000,
0.0000

63.2203, 0.2746,
0.2820

63.2203, 0.2746,
0.2820

51.8901, 0.2564,
0.2579

76.1205, 0.2919,
0.3038

42.0603, 0.2376,
0.2318

90.6413, 0.3079,
0.3233

33.6674, 0.2190,
0.2043

99.6825, 0.3156,
0.3338

26.6398, 0.2013,
0.1764

■ 20.8995, 0.1856,
0.1493

■ 16.3592, 0.1726,
0.1244

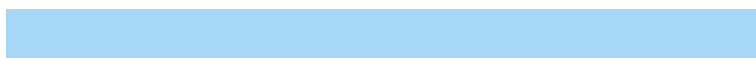
■ 12.9188, 0.1632,
0.1032

■ 11.1228, 0.1587,
0.0911

Harmonies

Analogous

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



63.2203, 0.2609, 0.2908



63.2203, 0.2746, 0.2820



63.2203, 0.2987, 0.2851

Triad

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



63.2203, 0.2746, 0.2820



63.2203, 0.3682, 0.3433



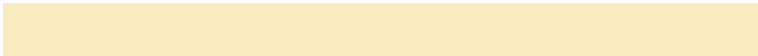
63.2203, 0.2963, 0.3626

Complementary

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



63.2203, 0.2746, 0.2820



83.0256, 0.3512, 0.3719

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.



63.2203, 0.3248, 0.3780



63.2203, 0.2746, 0.2820



63.2203, 0.3670, 0.3649

Square

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



63.2203, 0.2746, 0.2820



63.2203, 0.3536, 0.3194



63.2203, 0.3508, 0.3782



63.2203, 0.2729, 0.3372

Rectangle

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



63.2203, 0.2746, 0.2820



63.2203, 0.3180, 0.2931



63.2203, 0.3508, 0.3782



63.2203, 0.3055, 0.3692

Sweetspot

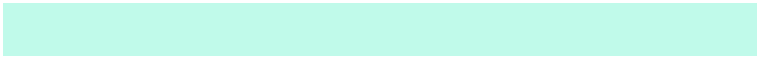
The Sweet Spot groups the original color and five complimentary colors.



63.2229, 0.2746, 0.2820



88.7877, 0.3019, 0.3161



85.5061, 0.2869, 0.3468



18.8059, 0.3009, 0.3150



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.



63.2229, 0.2746, 0.2820



60.1780, 0.2659, 0.2706



57.5545, 0.2819, 0.2651



17.4192, 0.2979, 0.3113



6.1045, 0.1594, 0.0938



0.7344, 0.1657, 0.1164

Inverse Universe

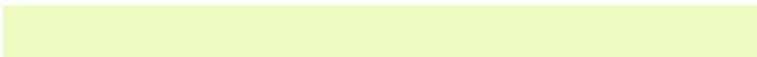
The Inverse Universe completely reimagines the original color for something new.



62.6057, 0.3477, 0.3125



59.6974, 0.3575, 0.3088



90.2654, 0.3393, 0.3887



17.3036, 0.3251, 0.3225



11.0272, 0.5853, 0.2998



1.0384, 0.5518, 0.2813

Previews

White Background



This preview shows how the Yxy color 63.2203, 0.2746, 0.2820 looks on a white background.

Color Contrast Check

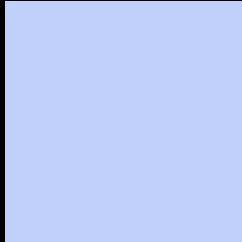
Large Text (above 18pt) WCAG AA × Fail

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 63.2203, 0.2746, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

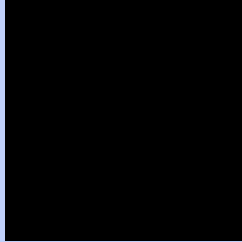
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2203, 0.2746, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 63.2203, 0.2746, 0.2820.



This preview shows how white text looks on a background with the Yxy color 63.2203, 0.2746, 0.2820.

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

63.2203, 0.2746, 0.2820

Protanopia

63.1243, 0.2796, 0.2814

Deuteranopia

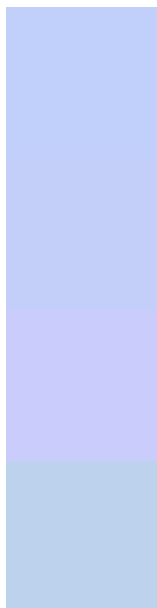
62.9423, 0.2836, 0.2767



Tritanopia

63.4355, 0.2848, 0.3092

Trichromacy



Original Color

63.2203, 0.2746, 0.2820

Protanomaly

63.2010, 0.2777, 0.2822

Deuteranomaly

63.1842, 0.2803, 0.2785

Tritanomaly

63.5218, 0.2805, 0.2992

Monochromacy



Original Color

63.2203, 0.2746, 0.2820

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9960, 0.2981, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2203, 0.2746, 0.2820 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, 208, 250)` looks like.

```
.text, #text, p{  
    color:rgb(192, 208, 250)  
}
```

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, 208, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 208, 250) }
```

Border

The CSS property to change the border of an element to Yxy 63.2203, 0.2746, 0.2820 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, 208, 250) }
```

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

```
.border{ border-color:rgb(192, 208, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 208, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 208, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 208, 250);  
box-shadow:4px 4px 4px 4px rgb(192, 208,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2203, 0.2746, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 208, 250) }
```

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

```
.background{ background-color: rgb(192,  
208, 250) }
```

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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