

Converting Colors

$Yxy(62.7963, 0.2759, 0.2737)$

Have a look what the booklet for
Yxy(62.7963, 0.2759, 0.2737)
contains.

Yxy(63.0248, 0.2759, 0.2742)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.0248, 0.2759, 0.2742)

Conversions

Conversions Part 1

Format	Color
Hex	C7CDFF
RGB	199, 205, 255
RGB Percent	78%, 80%, 100%
CMY	0.2199, 0.1960, 0.0001
CMYK	0.22, 0.20, 0.00, 0.00
HSL	233°, 100%, 89%
HSV	233°, 22%, 100%
XYZ	63.4155, 63.0248, 103.4094
YIQ	208.9060, -19.6260, 14.2780

Conversions

Conversions Part 2

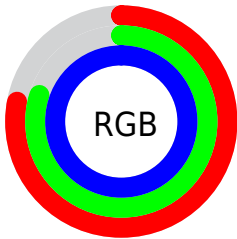
Format	Color
R _Y B	199, 204, 255
Decimal	13094399
CIE Lab	83.46, 8.22, -25.12
CIE LCh	83, 26.427, 288.122
Yxy	63.0248, 0.2759, 0.2742
Android (android.graphics.Color)	4291284479 (0xFFC7CDFF)
YUV	208.9060, 22.7243, -8.6876
Hunter-Lab	79.3882, 3.6572, -21.6582

Details

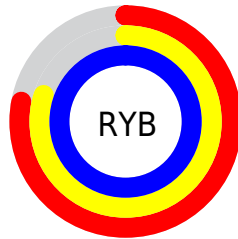
The Yxy color **63.0248, 0.2759, 0.2742** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.0455, 0.3472, 0.3785**, and the grayscale version is **63.5488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1397, 0.2668, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **49.7349, 0.2565, 0.2446**, and if you desaturate by 10%, it is **78.4823, 0.2937, 0.3010**.

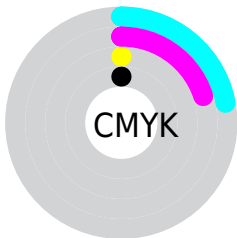
Distribution



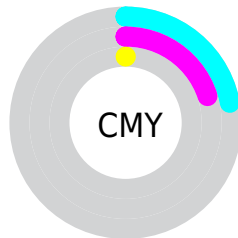
- Red (78%)
- Green (80%)
- Blue (100%)



- Red (78%)
- Yellow (80%)
- Blue (100%)



- Cyan (22%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0248, 0.2759, 0.2742 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 63.0248, 0.2759, 0.2742 by changing the saturation by 10% instead.

■ 63.0248, 0.2759,
0.2742

■ 63.0248, 0.2759,
0.2742

435.6595, 0.2933,
0.2995

■ 45.8613, 0.2719,
0.2685

109.2053, 0.2820,
0.2829

■ 32.1364, 0.2668,
0.2615

138.9910, 0.2844,
0.2863

■ 21.4657, 0.2604,
0.2526

173.7530, 0.2864,
0.2893

■ 13.4648, 0.2520,
0.2412

213.8755, 0.2881,
0.2918

■ 7.7494, 0.2405,
0.2259

259.7431, 0.2897,
0.2941

■ 3.9350, 0.2239,
0.2045

311.7400, 0.2910,

■ 1.6373, 0.1984,

0.2961

0.1729

370.2506, 0.2922,
0.2979

0.3825, 0.1527,
0.1036

0.0000, 0.0000,
0.0000

63.0248, 0.2759,
0.2742

63.0248, 0.2759,
0.2742

49.7349, 0.2565,
0.2446

78.4823, 0.2937,
0.3010

38.5081, 0.2361,
0.2127

96.1905, 0.3097,
0.3247

29.2427, 0.2155,
0.1797

99.9985, 0.3127,
0.3290

21.8255, 0.1958,
0.1474

■ 16.1312, 0.1785,
0.1177

■ 12.0191, 0.1649,
0.0931

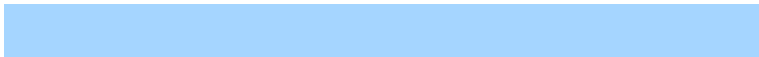
■ 9.3255, 0.1558,
0.0752

■ 8.0388, 0.1517,
0.0661

Harmonies

Analogous

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



63.0248, 0.2559, 0.2798



63.0248, 0.2759, 0.2742



63.0248, 0.3065, 0.2818

Triad

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



63.0248, 0.2759, 0.2742



63.0248, 0.3793, 0.3536



63.0248, 0.2840, 0.3601

Complementary

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



63.0248, 0.2759, 0.2742



93.0455, 0.3472, 0.3785

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.



63.0248, 0.3161, 0.3829



63.0248, 0.2759, 0.2742



63.0248, 0.3720, 0.3768

Square

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



63.0248, 0.2759, 0.2742



63.0248, 0.3676, 0.3260



63.0248, 0.3484, 0.3885



63.0248, 0.2603, 0.3283

Rectangle

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



63.0248, 0.2759, 0.2742



63.0248, 0.3293, 0.2932



63.0248, 0.3484, 0.3885



63.0248, 0.2941, 0.3692

Sweetspot

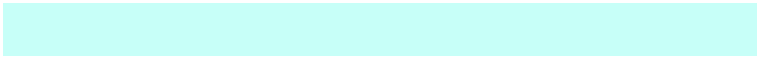
The Sweet Spot groups the original color and five complimentary colors.



63.0273, 0.2759, 0.2742



87.0390, 0.3019, 0.3132



90.4409, 0.2833, 0.3358



18.4021, 0.3010, 0.3117



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.



63.0273, 0.2759, 0.2742



57.4463, 0.2683, 0.2626



63.3095, 0.2902, 0.2698



17.6962, 0.2979, 0.3071



4.3031, 0.1521, 0.0675



0.5181, 0.1559, 0.0813

Inverse Universe

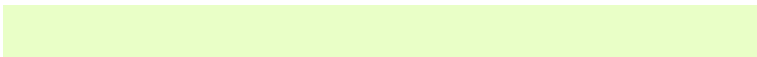
The Inverse Universe completely reimagines the original color for something new.



66.4761, 0.3529, 0.3228



61.5083, 0.3625, 0.3216



93.0309, 0.3318, 0.3867



18.0192, 0.3277, 0.3264



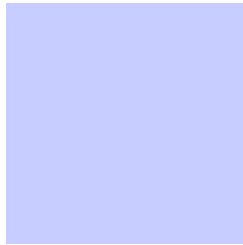
11.1624, 0.6274, 0.3230



1.0968, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 63.0248, 0.2759, 0.2742 looks on a white background.

Color Contrast Check

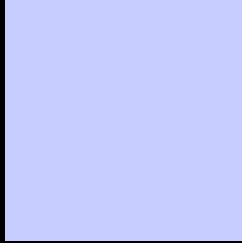
Large Text (above 18pt) WCAG AA × Fail

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 63.0248, 0.2759, 0.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

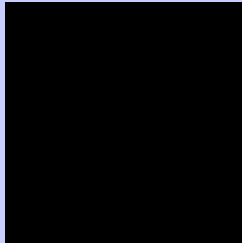
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0248, 0.2759, 0.2742

Background



This preview shows how black text looks on a background with the Yxy color 63.0248, 0.2759, 0.2742.



This preview shows how white text looks on a background with the Yxy color 63.0248, 0.2759, 0.2742.

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

63.0248, 0.2759, 0.2742

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

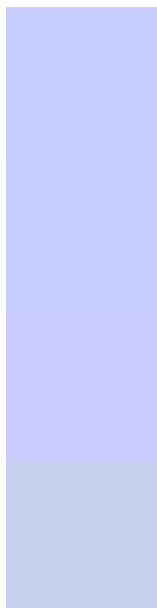
62.7692, 0.2791, 0.2724



Tritanopia

63.1086, 0.2900, 0.3093

Trichromacy



Original Color

63.0248, 0.2759, 0.2742

Protanomaly

63.2329, 0.2747, 0.2751

Deuteranomaly

62.9623, 0.2778, 0.2733

Tritanomaly

62.9619, 0.2850, 0.2961

Monochromacy



Original Color

63.0248, 0.2759, 0.2742

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5819, 0.2983, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0248, 0.2759, 0.2742 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(199, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 255)  
}
```

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(199, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.0248, 0.2759, 0.2742 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(199, 205, 255) }
```

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

```
.border{ border-color:rgb(199, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0248, 0.2759, 0.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 255) }
```

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

```
.background{ background-color: rgb(199,  
205, 255) }
```

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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