

Converting Colors

Yxy(62.3471, 0.2770, 0.2743)

Have a look what the booklet for
Yxy(62.3471, 0.2770, 0.2743)
contains.

Yxy(62.4197, 0.2770, 0.2750)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.4197, 0.2770, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	C7CCFD
RGB	199, 204, 253
RGB Percent	78%, 80%, 99%
CMY	0.2197, 0.2000, 0.0077
CMYK	0.21, 0.19, 0.00, 0.01
HSL	234°, 93%, 89%
HSV	234°, 21%, 99%
XYZ	62.8737, 62.4197, 101.6874
YIQ	208.0910, -18.7090, 14.1790

Conversions

Conversions Part 2

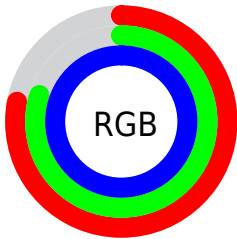
Format	Color
R _Y B	199, 204, 253
Decimal	13094141
CIE Lab	83.14, 8.35, -24.57
CIE LCh	83, 25.949, 288.767
Yxy	62.4197, 0.2770, 0.2750
Android (android.graphics.Color)	4291284221 (0xFFC7CCFD)
YUV	208.0910, 22.1401, -7.9728
Hunter-Lab	79.0061, 3.7909, -21.0068

Details

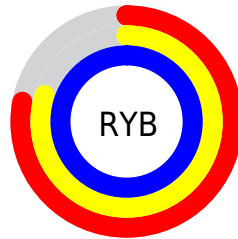
The Yxy color $62.4197, 0.2770, 0.2750$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $92.1426, 0.3460, 0.3778$, and the grayscale version is $63.0012, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.7275, 0.2681, 0.2628$ is the 20% darker color. If you saturate the color by 10%, you get $49.1279, 0.2576, 0.2450$, and if you desaturate by 10%, it is $77.8989, 0.2948, 0.3021$.

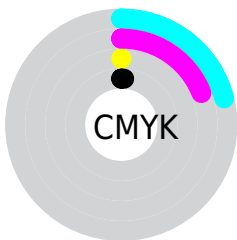
Distribution



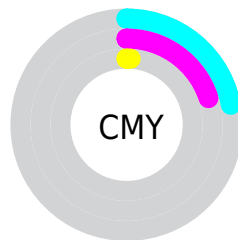
- Red (78%)
- Green (80%)
- Blue (99%)



- Red (78%)
- Yellow (80%)
- Blue (99%)



- Cyan (21%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4197, 0.2770, 0.2750 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 62.4197, 0.2770, 0.2750 by changing the saturation by 10% instead.

■ 62.4197, 0.2770,
0.2750

■ 62.4197, 0.2770,
0.2750

433.4604, 0.2939,
0.2999

■ 45.3719, 0.2731,
0.2693

108.3319, 0.2829,
0.2836

■ 31.7505, 0.2681,
0.2624

137.9651, 0.2852,
0.2870

■ 21.1710, 0.2619,
0.2536

172.5622, 0.2872,
0.2899

■ 13.2490, 0.2536,
0.2423

212.5076, 0.2889,
0.2924

■ 7.6003, 0.2423,
0.2270

258.1857, 0.2904,
0.2946

■ 3.8402, 0.2259,
0.2057

309.9810, 0.2917,

■ 1.5846, 0.2006,

0.2966

0.1740

368.2777, 0.2929,
0.2984

0.3472, 0.1535,
0.0999

0.0000, 0.0000,
0.0000

62.4197, 0.2770,
0.2750

62.4197, 0.2770,
0.2750

49.1279, 0.2576,
0.2450

77.8989, 0.2948,
0.3021

37.9175, 0.2371,
0.2128

95.6500, 0.3107,
0.3260

28.6850, 0.2163,
0.1793

99.8738, 0.3138,
0.3309

21.3151, 0.1964,
0.1466

■ 15.6803, 0.1788,
0.1166

■ 11.6372, 0.1649,
0.0919

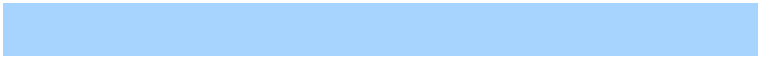
■ 9.0186, 0.1557,
0.0741

■ 7.7294, 0.1513,
0.0648

Harmonies

Analogous

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



62.4197, 0.2570, 0.2802



62.4197, 0.2770, 0.2750



62.4197, 0.3073, 0.2828

Triad

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



62.4197, 0.2770, 0.2750



62.4197, 0.3783, 0.3538



62.4197, 0.2838, 0.3590

Complementary

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



62.4197, 0.2770, 0.2750



92.1426, 0.3460, 0.3778

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.



62.4197, 0.3153, 0.3817



62.4197, 0.2770, 0.2750



62.4197, 0.3707, 0.3765

Square

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



62.4197, 0.2770, 0.2750



62.4197, 0.3672, 0.3267



62.4197, 0.3473, 0.3877



62.4197, 0.2607, 0.3276

Rectangle

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



62.4197, 0.2770, 0.2750



62.4197, 0.3298, 0.2941



62.4197, 0.3473, 0.3877



62.4197, 0.2937, 0.3681

Sweetspot

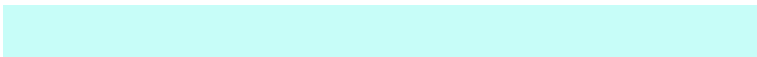
The Sweet Spot groups the original color and five complimentary colors.



62.4222, 0.2770, 0.2750



88.6775, 0.3035, 0.3153



89.1624, 0.2836, 0.3346



18.7279, 0.3025, 0.3137



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.



62.4222, 0.2770, 0.2750



56.9750, 0.2682, 0.2614



63.2374, 0.2916, 0.2718



17.6497, 0.2979, 0.3067



4.1992, 0.1517, 0.0660



0.4962, 0.1551, 0.0783

Inverse Universe

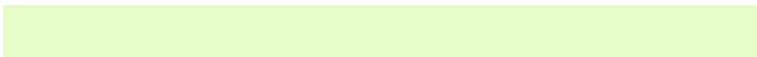
The Inverse Universe completely reimagines the original color for something new.



66.0831, 0.3521, 0.3239



61.4608, 0.3634, 0.3227



91.4490, 0.3306, 0.3850



18.0145, 0.3280, 0.3268



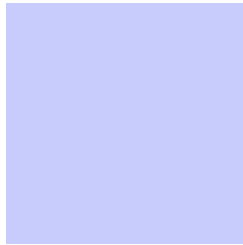
11.1519, 0.6298, 0.3243



1.0946, 0.6097, 0.3132

Previews

White Background



This preview shows how the Yxy color 62.4197, 0.2770, 0.2750 looks on a white background.

Color Contrast Check

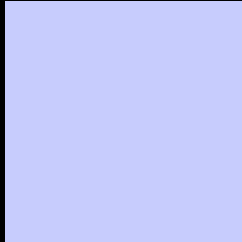
Large Text (above 18pt) WCAG AA × Fail

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 62.4197, 0.2770, 0.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

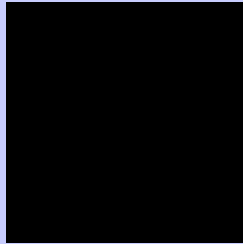
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4197, 0.2770, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 62.4197, 0.2770, 0.2750.



This preview shows how white text looks on a background with the Yxy color 62.4197, 0.2770, 0.2750.

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

62.4197, 0.2770, 0.2750

Protanopia

62.5542, 0.2746, 0.2749

Deuteranopia

62.6411, 0.2803, 0.2744



Tritanopia

62.5065, 0.2912, 0.3104

Trichromacy



Original Color

62.4197, 0.2770, 0.2750

Protanomaly

62.6887, 0.2752, 0.2750

Deuteranomaly

62.3603, 0.2790, 0.2742

Tritanomaly

62.3596, 0.2862, 0.2971

Monochromacy



Original Color

62.4197, 0.2770, 0.2750

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9866, 0.2996, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4197, 0.2770, 0.2750 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, 204, 253)` looks like.

```
.text, #text, p{  
    color:rgb(199, 204, 253)  
}
```

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, 204, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 204, 253) }
```

Border

The CSS property to change the border of an element to Yxy 62.4197, 0.2770, 0.2750 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, 204, 253) }
```

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

```
.border{ border-color:rgb(199, 204, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 204, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 204, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 204, 253);  
box-shadow:4px 4px 4px 4px rgb(199, 204,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4197, 0.2770, 0.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 204, 253) }
```

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

```
.background{ background-color: rgb(199,  
204, 253) }
```

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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