

Converting Colors

$Yxy(62.5367, 0.2710, 0.2747)$

Have a look what the booklet for
Yxy(62.5367, 0.2710, 0.2747)
contains.

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Color

Yxy(62.4390, 0.2708, 0.2745)

Conversions

Conversions Part 1

Format	Color
Hex	BFCEFF
RGB	191, 206, 255
RGB Percent	75%, 81%, 100%
CMY	0.2512, 0.1921, 0.0000
CMYK	0.25, 0.19, 0.00, 0.00
HSL	226°, 100%, 87%
HSV	226°, 25%, 100%
XYZ	61.5974, 62.4390, 103.4281
YIQ	207.1010, -24.6690, 12.0590

Conversions

Conversions Part 2

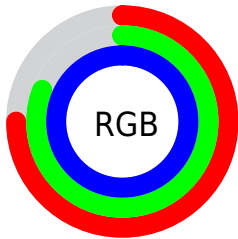
Format	Color
R _Y B	191, 203, 255
Decimal	12570367
CIE Lab	83.15, 5.34, -25.66
CIE LCh	83, 26.210, 281.747
Yxy	62.4390, 0.2708, 0.2745
Android (android.graphics.Color)	4290760447 (0xFFBFCEFF)
YUV	207.1010, 23.6142, -14.1206
Hunter-Lab	79.0184, 0.8645, -22.2926

Details

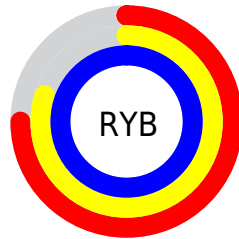
The Yxy color **62.4390, 0.2708, 0.2745** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.2914, 0.3542, 0.3781**, and the grayscale version is **62.3167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **31.7679, 0.2604, 0.2620** is the 20% darker color. If you saturate the color by 10%, you get **50.6047, 0.2521, 0.2485**, and if you desaturate by 10%, it is **76.0158, 0.2885, 0.2981**.

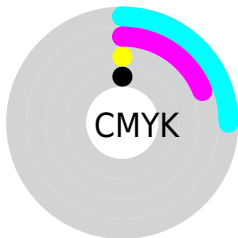
Distribution



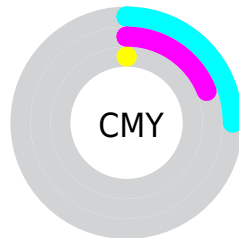
- Red (75%)
- Green (81%)
- Blue (100%)



- Red (75%)
- Yellow (80%)
- Blue (100%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4390, 0.2708, 0.2745 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 62.4390, 0.2708, 0.2745 by changing the saturation by 10% instead.

■ 62.4390, 0.2708,
0.2745

■ 62.4390, 0.2708,
0.2745

433.5306, 0.2906,
0.2998

■ 45.3875, 0.2662,
0.2688

■ 108.3598, 0.2777,
0.2833

■ 31.7628, 0.2606,
0.2617

137.9978, 0.2804,
0.2867

■ 21.1804, 0.2534,
0.2527

172.6002, 0.2827,
0.2896

■ 13.2559, 0.2439,
0.2412

212.5513, 0.2847,
0.2922

■ 7.6050, 0.2311,
0.2256

258.2355, 0.2864,
0.2944

■ 3.8433, 0.2127,
0.2038

310.0372, 0.2880,

■ 1.5863, 0.1847,

0.2964

0.1715

368.3407, 0.2893,
0.2982

0.3483, 0.1296,
0.0979

0.0000, 0.0000,
0.0000

62.4390, 0.2708,
0.2745

62.4390, 0.2708,
0.2745

50.6047, 0.2521,
0.2485

76.0158, 0.2885,
0.2981

40.4368, 0.2329,
0.2206

91.3992, 0.3049,
0.3192

31.8590, 0.2138,
0.1916

100.0000, 0.3127,
0.3290

24.7873, 0.1960,
0.1625

■ 19.1294, 0.1804,
0.1351

■ 14.7819, 0.1680,
0.1107

■ 11.6244, 0.1594,
0.0910

■ 10.4549, 0.1564,
0.0832

Harmonies

Analogous

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



62.4390, 0.2538, 0.2830



62.4390, 0.2708, 0.2745



62.4390, 0.2995, 0.2794

Triad

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



62.4390, 0.2708, 0.2745



62.4390, 0.3781, 0.3478



62.4390, 0.2905, 0.3659

Complementary

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



62.4390, 0.2708, 0.2745



87.2914, 0.3542, 0.3781

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.



62.4390, 0.3232, 0.3854



62.4390, 0.2708, 0.2745



62.4390, 0.3747, 0.3724

Square

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



62.4390, 0.2708, 0.2745



62.4390, 0.3626, 0.3203



62.4390, 0.3543, 0.3870



62.4390, 0.2646, 0.3352

Rectangle

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



62.4390, 0.2708, 0.2745



62.4390, 0.3220, 0.2893



62.4390, 0.3543, 0.3870



62.4390, 0.3010, 0.3741

Sweetspot

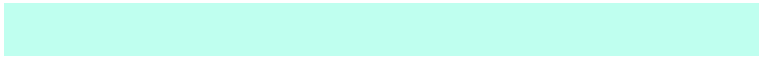
The Sweet Spot groups the original color and five complimentary colors.



62.4403, 0.2708, 0.2745



86.7831, 0.3003, 0.3134



88.8195, 0.2838, 0.3462



18.0717, 0.2979, 0.3103



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.



62.4403, 0.2708, 0.2745



56.4541, 0.2618, 0.2621



57.7135, 0.2803, 0.2593



18.0717, 0.2979, 0.3103



5.6511, 0.1571, 0.0856



0.7092, 0.1628, 0.1060

Inverse Universe

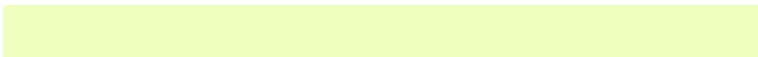
The Inverse Universe completely reimagines the original color for something new.



62.9519, 0.3536, 0.3136



57.3089, 0.3644, 0.3104



93.6269, 0.3401, 0.3943



18.0571, 0.3257, 0.3234



11.2984, 0.5980, 0.3068



1.1161, 0.5669, 0.2897

Previews

White Background



This preview shows how the Yxy color 62.4390, 0.2708, 0.2745 looks on a white background.

Color Contrast Check

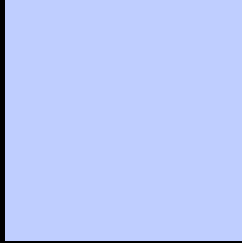
Large Text (above 18pt) WCAG AA × Fail

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 62.4390, 0.2708, 0.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

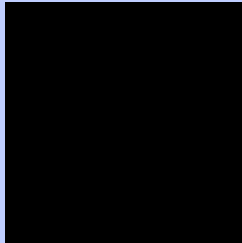
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4390, 0.2708, 0.2745

Background



This preview shows how black text looks on a background with the Yxy color 62.4390, 0.2708, 0.2745.



This preview shows how white text looks on a background with the Yxy color 62.4390, 0.2708, 0.2745.

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

62.4390, 0.2708, 0.2745

Protanopia

62.4205, 0.2739, 0.2748

Deuteranopia

62.4884, 0.2778, 0.2722



Tritanopia

62.5043, 0.2833, 0.3090

Trichromacy



Original Color

62.4390, 0.2708, 0.2745

Protanomaly

62.2877, 0.2733, 0.2747

Deuteranomaly

62.4115, 0.2752, 0.2729

Tritanomaly

62.3388, 0.2785, 0.2956

Monochromacy



Original Color

62.4390, 0.2708, 0.2745

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4250, 0.2968, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4390, 0.2708, 0.2745 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(191, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 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(191, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.4390, 0.2708, 0.2745 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(191, 206, 255) }
```

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

```
.border{ border-color:rgb(191, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4390, 0.2708, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 255) }
```

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

```
.background{ background-color: rgb(191,  
206, 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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