

Converting Colors

Yxy(62.1194, 0.2781, 0.2712)

Have a look what the booklet for
Yxy(62.1194, 0.2781, 0.2712)
contains.

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Color

Yxy(62.1576, 0.2784, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	CBCAFF
RGB	203, 202, 255
RGB Percent	80%, 79%, 100%
CMY	0.2037, 0.2079, 0.0001
CMYK	0.20, 0.21, 0.00, 0.00
HSL	241°, 100%, 90%
HSV	241°, 21%, 100%
XYZ	63.8078, 62.1576, 103.2293
YIQ	208.3410, -16.4170, 16.6950

Conversions

Conversions Part 2

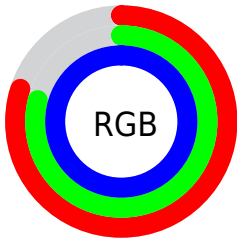
Format	Color
R _Y B	203, 202, 255
Decimal	13355775
CIE Lab	83.00, 11.09, -25.79
CIE LCh	83, 28.077, 293.275
Yxy	62.1576, 0.2784, 0.2712
Android (android.graphics.Color)	4291545855 (0xFFCBCAFF)
YUV	208.3410, 23.0029, -4.6841
Hunter-Lab	78.8401, 6.4956, -22.4433

Details

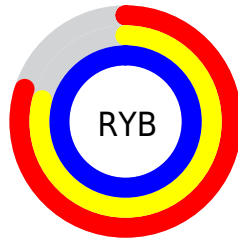
The Yxy color $62.1576, 0.2784, 0.2712$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.8307, 0.3435, 0.3811$, and the grayscale version is $63.1710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5529, 0.2697, 0.2579$ is the 20% darker color. If you saturate the color by 10%, you get $47.9363, 0.2588, 0.2384$, and if you desaturate by 10%, it is $78.9262, 0.2960, 0.3009$.

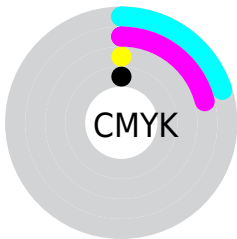
Distribution



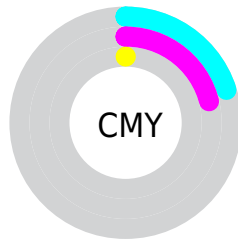
- Red (80%)
- Green (79%)
- Blue (100%)



- Red (80%)
- Yellow (79%)
- Blue (100%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1576, 0.2784, 0.2712 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 62.1576, 0.2784, 0.2712 by changing the saturation by 10% instead.

■ 62.1576, 0.2784,
0.2712

■ 62.1576, 0.2784,
0.2712

432.5057, 0.2947,
0.2978

■ 45.1601, 0.2746,
0.2652

107.9533, 0.2841,
0.2804

■ 31.5835, 0.2698,
0.2578

137.5202, 0.2864,
0.2839

■ 21.0436, 0.2637,
0.2486

172.0457, 0.2883,
0.2870

■ 13.1559, 0.2557,
0.2367

211.9142, 0.2899,
0.2897

■ 7.5360, 0.2447,
0.2208

257.5100, 0.2913,
0.2921

■ 3.7995, 0.2287,
0.1986

309.2176, 0.2926,

■ 1.5620, 0.2038,

0.2942

0.1661

367.4214, 0.2937,
0.2961

0.3318, 0.1606,
0.0909

0.0000, 0.0000,
0.0000

62.1576, 0.2784,
0.2712

62.1576, 0.2784,
0.2712

47.9363, 0.2588,
0.2384

78.9262, 0.2960,
0.3009

36.1306, 0.2378,
0.2033

98.3500, 0.3116,
0.3271

26.6087, 0.2163,
0.1675

99.9991, 0.3127,
0.3290

19.2228, 0.1956,
0.1333

■ 13.8083, 0.1774,
0.1034

■ 10.1763, 0.1633,
0.0806

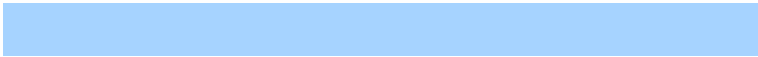
■ 8.1010, 0.1543,
0.0663

■ 7.2521, 0.1504,
0.0602

Harmonies

Analogous

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



62.1576, 0.2549, 0.2745



62.1576, 0.2784, 0.2712



62.1576, 0.3122, 0.2816

Triad

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



62.1576, 0.2784, 0.2712



62.1576, 0.3839, 0.3598



62.1576, 0.2768, 0.3567

Complementary

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



62.1576, 0.2784, 0.2712



96.8307, 0.3435, 0.3811

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.



62.1576, 0.3100, 0.3837



62.1576, 0.2784, 0.2712



62.1576, 0.3726, 0.3831

Square

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



62.1576, 0.2784, 0.2712



62.1576, 0.3749, 0.3307



62.1576, 0.3452, 0.3930



62.1576, 0.2540, 0.3222

Rectangle

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



62.1576, 0.2784, 0.2712



62.1576, 0.3365, 0.2948



62.1576, 0.3452, 0.3930



62.1576, 0.2871, 0.3672

Sweetspot

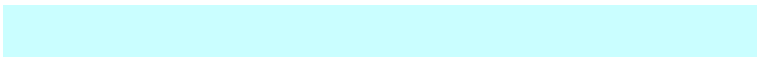
The Sweet Spot groups the original color and five complimentary colors.



62.1601, 0.2784, 0.2712



87.8902, 0.3037, 0.3139



90.7231, 0.2815, 0.3280



18.5427, 0.3027, 0.3121



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.



62.1601, 0.2784, 0.2712



55.8666, 0.2704, 0.2577



66.1750, 0.2966, 0.2742



17.3952, 0.2981, 0.3044



3.7974, 0.1506, 0.0603



0.3756, 0.1520, 0.0611

Inverse Universe

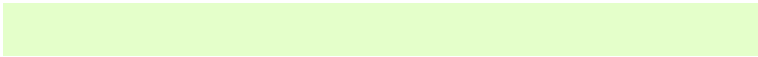
The Inverse Universe completely reimagines the original color for something new.



70.6448, 0.3159, 0.2781



65.7685, 0.3166, 0.2677



92.2042, 0.3261, 0.3841



18.2937, 0.3141, 0.3061



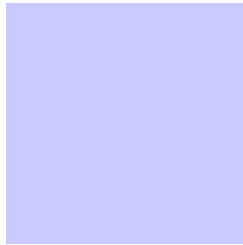
14.7142, 0.3260, 0.1570



1.4346, 0.3254, 0.1566

Previews

White Background



This preview shows how the Yxy color 62.1576, 0.2784, 0.2712 looks on a white background.

Color Contrast Check

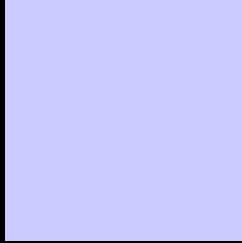
Large Text (above 18pt) WCAG AA × Fail

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 62.1576, 0.2784, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

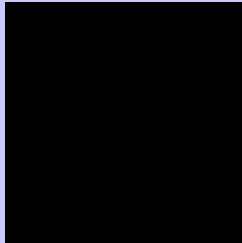
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1576, 0.2784, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 62.1576, 0.2784, 0.2712.

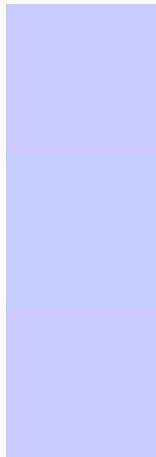


This preview shows how white text looks on a background with the Yxy color 62.1576, 0.2784, 0.2712.

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

62.1576, 0.2784, 0.2712

Protanopia

62.4847, 0.2733, 0.2738

Deuteranopia

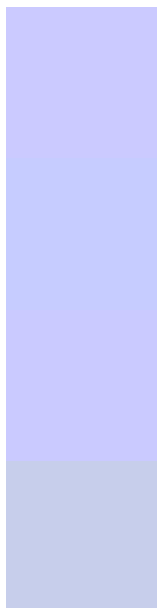
62.0176, 0.2777, 0.2711



Tritanopia

62.3639, 0.2939, 0.3105

Trichromacy



Original Color

62.1576, 0.2784, 0.2712

Protanomaly

62.4115, 0.2752, 0.2729

Deuteranomaly

62.0176, 0.2777, 0.2711

Tritanomaly

62.2829, 0.2882, 0.2961

Monochromacy



Original Color

62.1576, 0.2784, 0.2712

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7007, 0.2997, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1576, 0.2784, 0.2712 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(203, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 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(203, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.1576, 0.2784, 0.2712 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(203, 202, 255) }
```

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

```
.border{ border-color:rgb(203, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1576, 0.2784, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 255) }
```

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

```
.background{ background-color: rgb(203,  
202, 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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