

Converting Colors

Yxy(63.6538, 0.2771, 0.2864)

Have a look what the booklet for
Yxy(63.6538, 0.2771, 0.2864)
contains.

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Color

Yxy(63.6538, 0.2771, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	C1D1F7
RGB	193, 209, 247
RGB Percent	76%, 82%, 97%
CMY	0.2429, 0.1804, 0.0315
CMYK	0.22, 0.15, 0.00, 0.03
HSL	222°, 77%, 86%
HSV	222°, 22%, 97%
XYZ	61.5868, 63.6538, 97.0143
YIQ	208.5480, -21.7340, 8.4260

Conversions

Conversions Part 2

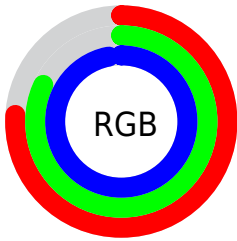
Format	Color
RYB	193, 205, 247
Decimal	12702199
CIELab	83.79, 2.56, -20.41
CIElCh	84, 20.568, 277.144
Yxy	63.6538, 0.2771, 0.2864
Android (android.graphics.Color)	4290892279 (0xFFC1D1F7)
YUV	208.5480, 18.9568, -13.6356
Hunter-Lab	79.7833, -1.8320, -16.2466

Details

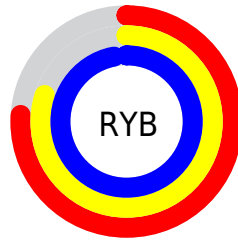
The Yxy color **63.6538, 0.2771, 0.2864** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7899, 0.3490, 0.3682**, and the grayscale version is **63.3414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **32.6932, 0.2684, 0.2761** is the 20% darker color. If you saturate the color by 10%, you get **52.6016, 0.2591, 0.2633**, and if you desaturate by 10%, it is **76.1851, 0.2941, 0.3073**.

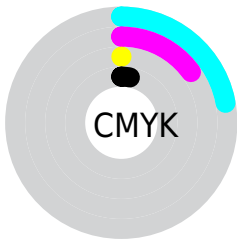
Distribution



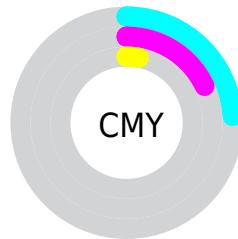
- Red (76%)
- Green (82%)
- Blue (97%)



- Red (76%)
- Yellow (80%)
- Blue (97%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6538, 0.2771, 0.2864 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 63.6538, 0.2771, 0.2864 by changing the saturation by 10% instead.

■ 63.6538, 0.2771,
0.2864

■ 63.6538, 0.2771,
0.2864

■ 437.9384, 0.2939,
0.3063

■ 46.3703, 0.2732,
0.2818

■ 110.1122, 0.2830,
0.2933

■ 32.5382, 0.2684,
0.2762

■ 140.0559, 0.2852,
0.2960

■ 21.7729, 0.2623,
0.2690

■ 174.9885, 0.2872,
0.2983

■ 13.6901, 0.2542,
0.2597

■ 215.2944, 0.2889,
0.3003

■ 7.9055, 0.2432,
0.2469

■ 261.3579, 0.2903,
0.3021

■ 4.0345, 0.2273,
0.2287

■ 313.5635, 0.2916,

■ 1.6929, 0.2025,

0.3036

0.2008

372.2955, 0.2928,
0.3050

0.4190, 0.1493,
0.1358

0.0000, 0.0000,
0.0000

63.6538, 0.2771,
0.2864

63.6538, 0.2771,
0.2864

52.6016, 0.2591,
0.2633

76.1851, 0.2941,
0.3073

42.9640, 0.2407,
0.2382

90.2412, 0.3099,
0.3258

34.6831, 0.2222,
0.2117

99.4938, 0.3174,
0.3367

27.6937, 0.2046,
0.1845

■ 21.9245, 0.1888,
0.1577

■ 17.2964, 0.1756,
0.1328

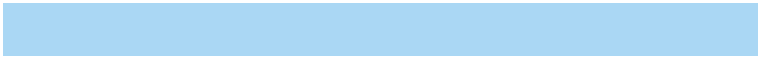
■ 13.7187, 0.1657,
0.1108

■ 11.4829, 0.1600,
0.0958

Harmonies

Analogous

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



63.6538, 0.2652, 0.2951



63.6538, 0.2771, 0.2864



63.6538, 0.2987, 0.2885

Triad

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



63.6538, 0.2771, 0.2864



63.6538, 0.3625, 0.3409



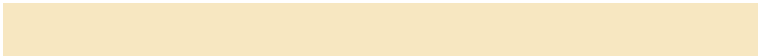
63.6538, 0.2993, 0.3604

Complementary

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



63.6538, 0.2771, 0.2864



80.7899, 0.3490, 0.3682

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.



63.6538, 0.3252, 0.3736



63.6538, 0.2771, 0.2864



63.6538, 0.3624, 0.3608

Square

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



63.6538, 0.2771, 0.2864



63.6538, 0.3486, 0.3192



63.6538, 0.3485, 0.3733



63.6538, 0.2776, 0.3379

Rectangle

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



63.6538, 0.2771, 0.2864



63.6538, 0.3161, 0.2955



63.6538, 0.3485, 0.3733



63.6538, 0.3078, 0.3662

Sweetspot

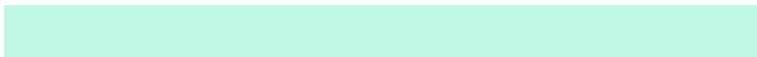
The Sweet Spot groups the original color and five complimentary colors.



63.6564, 0.2771, 0.2864



89.0099, 0.3019, 0.3165



83.6078, 0.2888, 0.3467



18.8572, 0.3009, 0.3154



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.



63.6564, 0.2771, 0.2864



63.2611, 0.2696, 0.2769



57.6897, 0.2833, 0.2692



16.7253, 0.2980, 0.3118



6.2882, 0.1607, 0.0986



0.7238, 0.1675, 0.1229

Inverse Universe

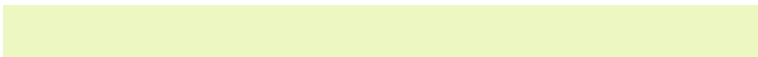
The Inverse Universe completely reimagines the original color for something new.



62.5346, 0.3443, 0.3123



62.0953, 0.3522, 0.3089



88.2236, 0.3383, 0.3849



16.5631, 0.3247, 0.3220



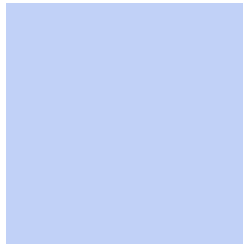
10.7342, 0.5779, 0.2957



0.9607, 0.5425, 0.2762

Previews

White Background



This preview shows how the Yxy color 63.6538, 0.2771, 0.2864 looks on a white background.

Color Contrast Check

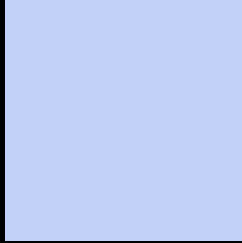
Large Text (above 18pt) WCAG AA × Fail

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 63.6538, 0.2771, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

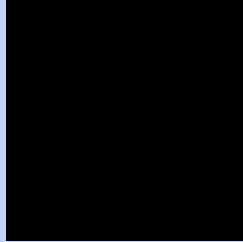
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

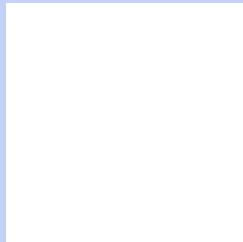
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6538, 0.2771, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 63.6538, 0.2771, 0.2864.



This preview shows how white text looks on a background with the Yxy color 63.6538, 0.2771, 0.2864.

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

63.6538, 0.2771, 0.2864

Protanopia

63.6970, 0.2828, 0.2858

Deuteranopia

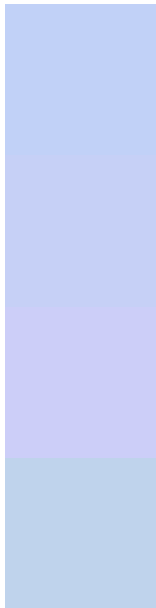
63.6647, 0.2876, 0.2812



Tritanopia

63.6913, 0.2861, 0.3093

Trichromacy



Original Color

63.6538, 0.2771, 0.2864

Protanomaly

63.7713, 0.2809, 0.2867

Deuteranomaly

63.7573, 0.2835, 0.2828

Tritanomaly

63.7210, 0.2825, 0.3004

Monochromacy



Original Color

63.6538, 0.2771, 0.2864

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6252, 0.2989, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6538, 0.2771, 0.2864 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(193, 209, 247)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 247)  
}
```

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(193, 209, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 247) }
```

Border

The CSS property to change the border of an element to Yxy 63.6538, 0.2771, 0.2864 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(193, 209, 247) }
```

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

```
.border{ border-color:rgb(193, 209, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 209, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 209, 247); box-shadow:4px 4px 4px 4px rgb(193, 209, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6538, 0.2771, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 247) }
```

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

```
.background{ background-color: rgb(193,  
209, 247) }
```

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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