

Converting Colors

$Yxy(66.9792, 0.2521, 0.2386)$

Have a look what the booklet for
Yxy(66.9792, 0.2521, 0.2386)
contains.

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Color

Yxy(64.0675, 0.2742, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	C4D0FF
RGB	196, 208, 255
RGB Percent	77%, 82%, 100%
CMY	0.2317, 0.1842, 0.0001
CMYK	0.23, 0.18, 0.00, 0.00
HSL	228°, 100%, 88%
HSV	228°, 23%, 100%
XYZ	63.3513, 64.0675, 103.6216
YIQ	209.7700, -22.2390, 12.0730

Conversions

Conversions Part 2

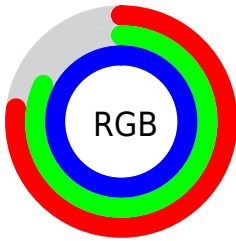
Format	Color
RYB	196, 206, 255
Decimal	12898559
CIELab	84.00, 5.72, -24.31
CIELCh	84, 24.974, 283.243
Yxy	64.0675, 0.2742, 0.2773
Android (android.graphics.Color)	4291088639 (0xFFC4D0FF)
YUV	209.7700, 22.2984, -12.0763
Hunter-Lab	80.0422, 1.2042, -20.7266

Details

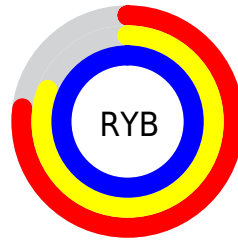
The Yxy color **64.0675, 0.2742, 0.2773** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.2600, 0.3503, 0.3759**, and the grayscale version is **64.1450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **32.8511, 0.2648, 0.2657** is the 20% darker color. If you saturate the color by 10%, you get **51.6769, 0.2554, 0.2507**, and if you desaturate by 10%, it is **78.3071, 0.2918, 0.3014**.

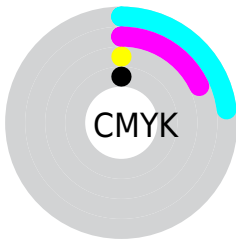
Distribution



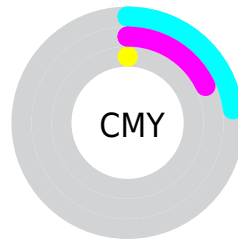
- Red (77%)
- Green (82%)
- Blue (100%)



- Red (77%)
- Yellow (81%)
- Blue (100%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0675, 0.2742, 0.2773 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 64.0675, 0.2742, 0.2773 by changing the saturation by 10% instead.

■ 64.0675, 0.2742,
0.2773

■ 64.0675, 0.2742,
0.2773

■ 439.4334, 0.2923,
0.3012

■ 46.7053, 0.2700,
0.2719

■ 110.7081, 0.2805,
0.2856

■ 32.8028, 0.2648,
0.2652

■ 140.7554, 0.2830,
0.2888

■ 21.9754, 0.2583,
0.2568

■ 175.7999, 0.2851,
0.2916

■ 13.8388, 0.2496,
0.2459

■ 216.2259, 0.2869,
0.2940

■ 8.0087, 0.2379,
0.2314

■ 262.4178, 0.2885,
0.2961

■ 4.1005, 0.2211,
0.2109

■ 314.7601, 0.2899,

■ 1.7299, 0.1953,

0.2980

0.1805

373.6372, 0.2912,
0.2997

0.4429, 0.1487,
0.1175

0.0000, 0.0000,
0.0000

64.0675, 0.2742,
0.2773

64.0675, 0.2742,
0.2773

51.6769, 0.2554,
0.2507

78.3071, 0.2918,
0.3014

41.0508, 0.2359,
0.2220

94.4602, 0.3079,
0.3228

32.1093, 0.2164,
0.1921

99.9991, 0.3127,
0.3290

24.7632, 0.1979,
0.1621

■ 18.9149, 0.1815,
0.1337

■ 14.4549, 0.1684,
0.1086

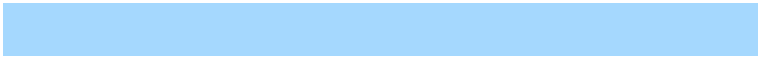
■ 11.2572, 0.1591,
0.0885

■ 9.7029, 0.1550,
0.0780

Harmonies

Analogous

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



64.0675, 0.2574, 0.2848



64.0675, 0.2742, 0.2773



64.0675, 0.3018, 0.2825

Triad

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



64.0675, 0.2742, 0.2773



64.0675, 0.3747, 0.3482



64.0675, 0.2903, 0.3625

Complementary

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



64.0675, 0.2742, 0.2773



89.2600, 0.3503, 0.3759

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.



64.0675, 0.3211, 0.3815



64.0675, 0.2742, 0.2773



64.0675, 0.3707, 0.3711

Square

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



64.0675, 0.2742, 0.2773



64.0675, 0.3609, 0.3221



64.0675, 0.3508, 0.3841



64.0675, 0.2662, 0.3334

Rectangle

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



64.0675, 0.2742, 0.2773



64.0675, 0.3232, 0.2922



64.0675, 0.3508, 0.3841



64.0675, 0.3002, 0.3704

Sweetspot

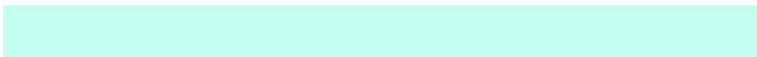
The Sweet Spot groups the original color and five complimentary colors.



64.0701, 0.2742, 0.2773



88.0497, 0.3019, 0.3149



89.6567, 0.2848, 0.3425



18.6354, 0.3010, 0.3136



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.



64.0701, 0.2742, 0.2773



57.8626, 0.2653, 0.2647



60.7532, 0.2846, 0.2656



17.9813, 0.2979, 0.3095



5.2392, 0.1556, 0.0802



0.6572, 0.1610, 0.0995

Inverse Universe

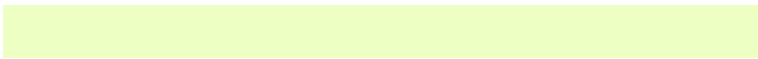
The Inverse Universe completely reimagines the original color for something new.



65.2531, 0.3511, 0.3166



59.4637, 0.3617, 0.3139



93.7123, 0.3367, 0.3892



18.0480, 0.3262, 0.3241



11.2569, 0.6066, 0.3115



1.1109, 0.5766, 0.2950

Previews

White Background



This preview shows how the Yxy color 64.0675, 0.2742, 0.2773 looks on a white background.

Color Contrast Check

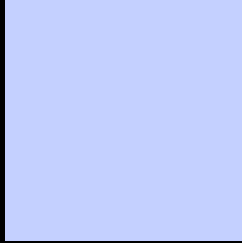
Large Text (above 18pt) WCAG AA × Fail

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 64.0675, 0.2742, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

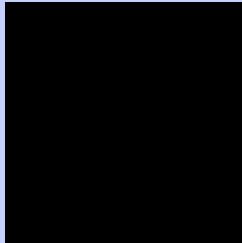
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0675, 0.2742, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 64.0675, 0.2742, 0.2773.



This preview shows how white text looks on a background with the Yxy color 64.0675, 0.2742, 0.2773.

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

64.0675, 0.2742, 0.2773

Protanopia

63.9235, 0.2767, 0.2774

Deuteranopia

64.0045, 0.2806, 0.2749



Tritanopia

64.3220, 0.2868, 0.3105

Trichromacy



Original Color

64.0675, 0.2742, 0.2773

Protanomaly

63.7872, 0.2760, 0.2773

Deuteranomaly

63.9192, 0.2780, 0.2756

Tritanomaly

64.0990, 0.2826, 0.2983

Monochromacy



Original Color

64.0675, 0.2742, 0.2773

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0711, 0.2983, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0675, 0.2742, 0.2773 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(196, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 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(196, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 64.0675, 0.2742, 0.2773 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(196, 208, 255) }
```

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

```
.border{ border-color:rgb(196, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0675, 0.2742, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 255) }
```

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

```
.background{ background-color: rgb(196,  
208, 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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