

Converting Colors

$Yxy(63.2953, 0.2743, 0.2754)$

Have a look what the booklet for
Yxy(63.2953, 0.2743, 0.2754)
contains.

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Color

Yxy(63.0984, 0.2741, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	C4CEFF
RGB	196, 206, 255
RGB Percent	77%, 81%, 100%
CMY	0.2312, 0.1922, 0.0001
CMYK	0.23, 0.19, 0.00, 0.00
HSL	230°, 100%, 88%
HSV	230°, 23%, 100%
XYZ	62.8919, 63.0984, 103.4584
YIQ	208.5960, -21.6890, 13.1190

Conversions

Conversions Part 2

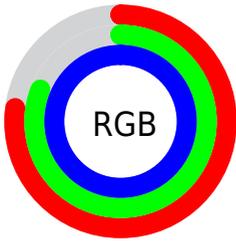
Format	Color
RYB	196, 205, 255
Decimal	12898047
CIELab	83.49, 6.85, -25.08
CIElCh	83, 25.998, 285.270
Yxy	63.0984, 0.2741, 0.2750
Android (android.graphics.Color)	4291088127 (0xFFC4CEFF)
YUV	208.5960, 22.8772, -11.0467
Hunter-Lab	79.4345, 2.3162, -21.6173

Details

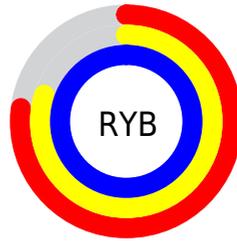
The Yxy color **63.0984, 0.2741, 0.2750** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.5691, 0.3498, 0.3778**, and the grayscale version is **63.3478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **32.1964, 0.2645, 0.2628** is the 20% darker color. If you saturate the color by 10%, you get **50.4412, 0.2551, 0.2472**, and if you desaturate by 10%, it is **77.7176, 0.2918, 0.3002**.

Distribution



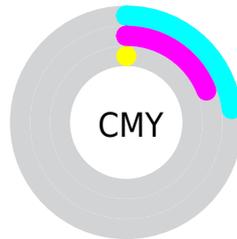
- Red (77%)
- Green (81%)
- Blue (100%)



- Red (77%)
- Yellow (80%)
- Blue (100%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0984, 0.2741, 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 63.0984, 0.2741, 0.2750 by changing the saturation by 10% instead.

■ 63.0984, 0.2741,
0.2750

■ 63.0984, 0.2741,
0.2750

435.9265, 0.2923,
0.2999

■ 45.9208, 0.2699,
0.2693

109.3115, 0.2805,
0.2836

■ 32.1833, 0.2646,
0.2624

139.1157, 0.2829,
0.2870

■ 21.5016, 0.2580,
0.2536

173.8977, 0.2851,
0.2899

■ 13.4911, 0.2492,
0.2423

214.0417, 0.2869,
0.2924

■ 7.7676, 0.2373,
0.2271

259.9322, 0.2885,
0.2946

■ 3.9466, 0.2202,
0.2058

311.9536, 0.2899,

■ 1.6437, 0.1939,

0.2966

0.1743

370.4902, 0.2912,
0.2984

0.3868, 0.1456,
0.1053

0.0000, 0.0000,
0.0000

63.0984, 0.2741,
0.2750

63.0984, 0.2741,
0.2750

50.4412, 0.2551,
0.2472

77.7176, 0.2918,
0.3002

39.6542, 0.2352,
0.2172

94.3701, 0.3080,
0.3226

30.6499, 0.2153,
0.1860

99.9990, 0.3127,
0.3290

23.3304, 0.1964,
0.1551

■ 17.5880, 0.1797,
0.1263

■ 13.3022, 0.1665,
0.1014

■ 10.3337, 0.1574,
0.0822

■ 8.9507, 0.1535,
0.0727

Harmonies

Analogous

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



63.0984, 0.2557, 0.2818



63.0984, 0.2741, 0.2750



63.0984, 0.3035, 0.2813

Triad

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



63.0984, 0.2741, 0.2750



63.0984, 0.3779, 0.3508



63.0984, 0.2872, 0.3622

Complementary

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



63.0984, 0.2741, 0.2750



90.5691, 0.3498, 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.



63.0984, 0.3192, 0.3833



63.0984, 0.2741, 0.2750



63.0984, 0.3724, 0.3743

Square

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



63.0984, 0.2741, 0.2750



63.0984, 0.3647, 0.3235



63.0984, 0.3506, 0.3871



63.0984, 0.2629, 0.3314

Rectangle

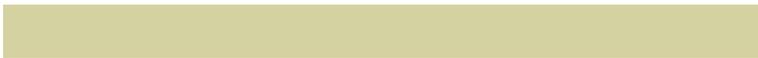
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



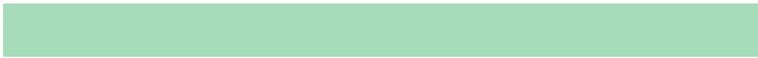
63.0984, 0.2741, 0.2750



63.0984, 0.3259, 0.2919



63.0984, 0.3506, 0.3871



63.0984, 0.2974, 0.3708

Sweetspot

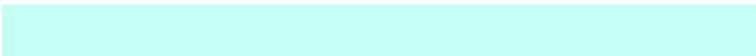
The Sweet Spot groups the original color and five complimentary colors.



63.1009, 0.2741, 0.2750



87.6671, 0.3019, 0.3142



89.7944, 0.2839, 0.3404



18.5471, 0.3010, 0.3129



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.



63.1009, 0.2741, 0.2750



56.6858, 0.2649, 0.2617



61.1212, 0.2861, 0.2660



17.8732, 0.2979, 0.3086



4.8215, 0.1541, 0.0746



0.6013, 0.1590, 0.0923

Inverse Universe

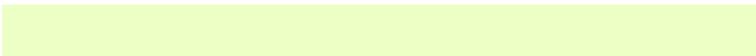
The Inverse Universe completely reimagines the original color for something new.



65.2124, 0.3527, 0.3189



59.3449, 0.3640, 0.3166



93.3856, 0.3353, 0.3894



18.0371, 0.3268, 0.3250



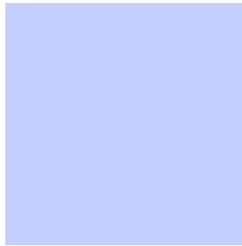
11.2147, 0.6157, 0.3165



1.1052, 0.5875, 0.3010

Previews

White Background



This preview shows how the Yxy color 63.0984, 0.2741, 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 63.0984, 0.2741, 0.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

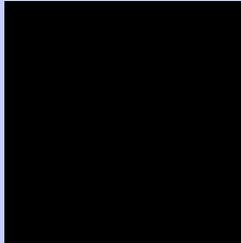
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0984, 0.2741, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 63.0984, 0.2741, 0.2750.



This preview shows how white text looks on a background with the Yxy color 63.0984, 0.2741, 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

63.0984, 0.2741, 0.2750

Protanopia

63.2329, 0.2747, 0.2751

Deuteranopia

63.2431, 0.2792, 0.2735



Tritanopia

63.2663, 0.2874, 0.3093

Trichromacy



Original Color

63.0984, 0.2741, 0.2750

Protanomaly

63.2329, 0.2747, 0.2751

Deuteranomaly

63.3002, 0.2773, 0.2744

Tritanomaly

63.1114, 0.2824, 0.2960

Monochromacy



Original Color

63.0984, 0.2741, 0.2750

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4401, 0.2976, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0984, 0.2741, 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(196, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.0984, 0.2741, 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(196, 206, 255) }
```

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

```
.border{ border-color:rgb(196, 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(196, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 63.0984, 0.2741, 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(196, 206, 255) }
```

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

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