

Converting Colors

$Y_{xy}(59.9830, 0.2783, 0.2752)$

Have a look what the booklet for
Yxy(59.9830, 0.2783, 0.2752)
contains.

Yxy(59.9562, 0.2784, 0.2753)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.9562, 0.2784, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	C5C8F8
RGB	197, 200, 248
RGB Percent	77%, 78%, 97%
CMY	0.2273, 0.2157, 0.0274
CMYK	0.21, 0.19, 0.00, 0.03
HSL	237°, 78%, 87%
HSV	237°, 21%, 97%
XYZ	60.6313, 59.9562, 97.1974
YIQ	204.5750, -17.1960, 14.2920

Conversions

Conversions Part 2

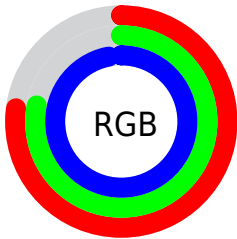
Format	Color
R_{YB}	197, 200, 248
Decimal	12962040
CIE Lab	81.81, 8.80, -23.93
CIE LCh	82, 25.495, 290.200
Yxy	59.9562, 0.2784, 0.2753
Android (android.graphics.Color)	4291152120 (0xFFC5C8F8)
YUV	204.5750, 21.4085, -6.6433
Hunter-Lab	77.4314, 4.2665, -20.2231

Details

The Yxy color **59.9562, 0.2784, 0.2753** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.3314, 0.3443, 0.3776**, and the grayscale version is **60.6408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.1590, 0.2705, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **46.8743, 0.2589, 0.2444**, and if you desaturate by 10%, it is **75.2470, 0.2961, 0.3031**.

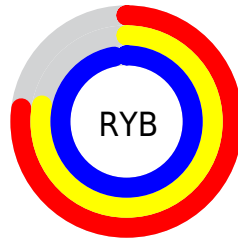
Distribution



Red (77%)

Green (78%)

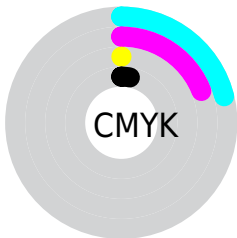
Blue (97%)



Red (77%)

Yellow (78%)

Blue (97%)

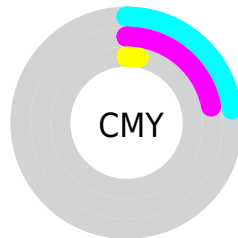


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (22%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9562, 0.2784, 0.2753 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 59.9562, 0.2784, 0.2753 by changing the saturation by 10% instead.

■ 59.9562, 0.2784,
0.2753

■ 59.9562, 0.2784,
0.2753

424.4363, 0.2948,
0.3003

■ 43.3833, 0.2745,
0.2696

104.7661, 0.2842,
0.2840

■ 30.1860, 0.2697,
0.2626

133.7720, 0.2864,
0.2873

■ 19.9798, 0.2635,
0.2537

167.6909, 0.2883,
0.2902

■ 12.3804, 0.2553,
0.2421

206.9074, 0.2900,
0.2928

■ 7.0033, 0.2440,
0.2264

251.8058, 0.2914,
0.2950

■ 3.4642, 0.2274,
0.2043

302.7705, 0.2927,

■ 1.3786, 0.2012,

0.2970

0.1712

360.1858, 0.2938,
0.2987

0.2009, 0.1435,
0.0710

0.0000, 0.0000,
0.0000

59.9562, 0.2784,
0.2753

59.9562, 0.2784,
0.2753

46.8743, 0.2589,
0.2444

75.2470, 0.2961,
0.3031

35.8924, 0.2382,
0.2111

92.8345, 0.3119,
0.3277

26.9031, 0.2170,
0.1768

99.5584, 0.3168,
0.3357

19.7868, 0.1967,
0.1432

■ 14.4109, 0.1787,
0.1129

■ 10.6257, 0.1645,
0.0884

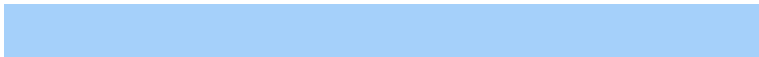
■ 8.2556, 0.1552,
0.0714

■ 7.1035, 0.1507,
0.0626

Harmonies

Analogous

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



59.9562, 0.2579, 0.2799



59.9562, 0.2784, 0.2753



59.9562, 0.3089, 0.2836

Triad

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



59.9562, 0.2784, 0.2753



59.9562, 0.3781, 0.3550



59.9562, 0.2826, 0.3575

Complementary

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



59.9562, 0.2784, 0.2753



89.3314, 0.3443, 0.3776

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.



59.9562, 0.3138, 0.3808



59.9562, 0.2784, 0.2753



59.9562, 0.3697, 0.3772

Square

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



59.9562, 0.2784, 0.2753



59.9562, 0.3679, 0.3280



59.9562, 0.3458, 0.3876



59.9562, 0.2602, 0.3262

Rectangle

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



59.9562, 0.2784, 0.2753



59.9562, 0.3313, 0.2953



59.9562, 0.3458, 0.3876



59.9562, 0.2923, 0.3667

Sweetspot

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



59.9586, 0.2784, 0.2753



88.3601, 0.3035, 0.3147



85.5897, 0.2838, 0.3326



18.6532, 0.3025, 0.3131



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.



59.9586, 0.2784, 0.2753



57.3377, 0.2699, 0.2618



61.8052, 0.2938, 0.2744



16.8047, 0.2979, 0.3059



3.8995, 0.1510, 0.0635



0.4162, 0.1534, 0.0720

Inverse Universe

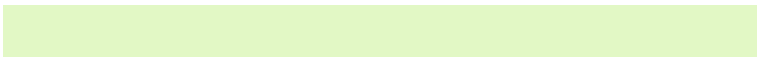
The Inverse Universe completely reimagines the original color for something new.



64.0767, 0.3516, 0.3260



62.5687, 0.3627, 0.3253



87.3349, 0.3288, 0.3829



17.2415, 0.3285, 0.3277



10.8046, 0.6341, 0.3267



1.0062, 0.6199, 0.3189

Previews

White Background



This preview shows how the Yxy color 59.9562, 0.2784, 0.2753 looks on a white background.

Color Contrast Check

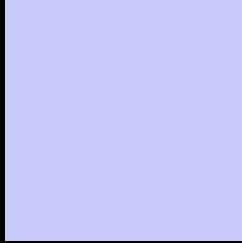
Large Text (above 18pt) WCAG AA × Fail

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 59.9562, 0.2784, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

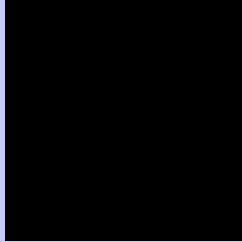
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9562, 0.2784, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 59.9562, 0.2784, 0.2753.



This preview shows how white text looks on a background with the Yxy color 59.9562, 0.2784, 0.2753.

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

59.9562, 0.2784, 0.2753

Protanopia

59.8193, 0.2745, 0.2750

Deuteranopia

59.9035, 0.2804, 0.2745



Tritanopia

60.0896, 0.2923, 0.3102

Trichromacy



Original Color

59.9562, 0.2784, 0.2753

Protanomaly

60.0822, 0.2758, 0.2752

Deuteranomaly

59.7663, 0.2797, 0.2744

Tritanomaly

59.9507, 0.2871, 0.2966

Monochromacy



Original Color

59.9562, 0.2784, 0.2753

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4889, 0.2995, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9562, 0.2784, 0.2753 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(197, 200, 248)` looks like.

```
.text, #text, p{  
    color:rgb(197, 200, 248)  
}
```

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(197, 200, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 200, 248) }
```

Border

The CSS property to change the border of an element to Yxy 59.9562, 0.2784, 0.2753 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(197, 200, 248) }
```

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

```
.border{ border-color:rgb(197, 200, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 200, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 200, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 200, 248); box-shadow:4px 4px 4px 4px rgb(197, 200, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9562, 0.2784, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 200, 248) }
```

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

```
.background{ background-color: rgb(197,  
200, 248) }
```

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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