

Converting Colors

$Yxy(59.4508, 0.2781, 0.2812)$

Have a look what the booklet for
Yxy(59.4508, 0.2781, 0.2812)
contains.

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Color

Yxy(59.4508, 0.2781, 0.2812)

Conversions

Conversions Part 1

Format	Color
Hex	C0C9F3
RGB	192, 201, 243
RGB Percent	75%, 79%, 95%
CMY	0.2472, 0.2117, 0.0470
CMYK	0.21, 0.17, 0.00, 0.05
HSL	229°, 68%, 85%
HSV	229°, 21%, 95%
XYZ	58.7954, 59.4508, 93.1720
YIQ	203.0970, -18.8460, 11.1540

Conversions

Conversions Part 2

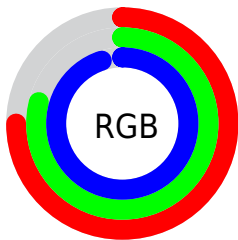
Format	Color
R_{YB}	192, 200, 243
Decimal	12634611
CIE _{Lab}	81.54, 5.60, -21.71
CIE _{LCh}	82, 22.418, 284.472
Yxy	59.4508, 0.2781, 0.2812
Android (android.graphics.Color)	4290824691 (0xFFC0C9F3)
YUV	203.0970, 19.6722, -9.7321
Hunter-Lab	77.1043, 1.1814, -17.6723

Details

The Yxy color **59.4508, 0.2781, 0.2812** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6777, 0.3462, 0.3727**, and the grayscale version is **59.6662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **29.8586, 0.2694, 0.2691** is the 20% darker color. If you saturate the color by 10%, you get **47.8167, 0.2594, 0.2543**, and if you desaturate by 10%, it is **72.8264, 0.2954, 0.3055**.

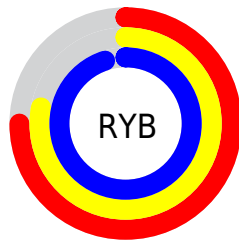
Distribution



Red (75%)

Green (79%)

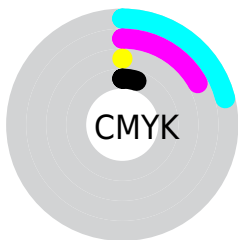
Blue (95%)



Red (75%)

Yellow (78%)

Blue (95%)

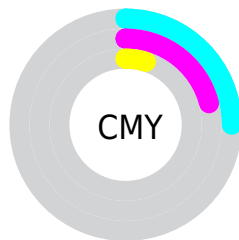


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (21%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4508, 0.2781, 0.2812 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 59.4508, 0.2781, 0.2812 by changing the saturation by 10% instead.

■ 59.4508, 0.2781,
0.2812

■ 59.4508, 0.2781,
0.2812

422.5705, 0.2946,
0.3036

■ 42.9761, 0.2742,
0.2760

■ 104.0326, 0.2839,
0.2890

■ 29.8664, 0.2694,
0.2696

132.9084, 0.2862,
0.2921

■ 19.7372, 0.2631,
0.2615

166.6868, 0.2881,
0.2947

■ 12.2041, 0.2549,
0.2508

205.7522, 0.2897,
0.2969

■ 6.8829, 0.2434,
0.2362

250.4888, 0.2912,
0.2989

■ 3.3890, 0.2266,
0.2153

301.2811, 0.2925,

■ 1.3380, 0.1999,

0.3007

0.1831

358.5135, 0.2936,
0.3022

0.1704, 0.1257,
0.0717

0.0000, 0.0000,
0.0000

59.4508, 0.2781,
0.2812

59.4508, 0.2781,
0.2812

47.8167, 0.2594,
0.2543

72.8264, 0.2954,
0.3055

37.8447, 0.2398,
0.2251

88.0040, 0.3112,
0.3270

29.4599, 0.2200,
0.1944

99.2513, 0.3197,
0.3405

22.5787, 0.2009,
0.1636

■ 17.1097, 0.1837,
0.1343

■ 12.9511, 0.1696,
0.1084

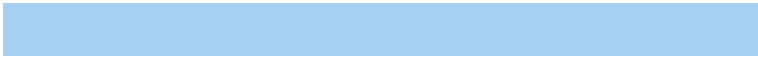
■ 9.9862, 0.1596,
0.0877

■ 8.2059, 0.1539,
0.0741

Harmonies

Analogous

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



59.4508, 0.2620, 0.2878



59.4508, 0.2781, 0.2812



59.4508, 0.3039, 0.2864

Triad

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



59.4508, 0.2781, 0.2812



59.4508, 0.3699, 0.3479



59.4508, 0.2911, 0.3587

Complementary

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



59.4508, 0.2781, 0.2812



81.6777, 0.3462, 0.3727

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.



59.4508, 0.3194, 0.3767



59.4508, 0.2781, 0.2812



59.4508, 0.3656, 0.3686

Square

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



59.4508, 0.2781, 0.2812



59.4508, 0.3579, 0.3237



59.4508, 0.3468, 0.3799



59.4508, 0.2692, 0.3320

Rectangle

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



59.4508, 0.2781, 0.2812



59.4508, 0.3236, 0.2957



59.4508, 0.3468, 0.3799



59.4508, 0.3001, 0.3661

Sweetspot

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



59.4532, 0.2781, 0.2812



89.4434, 0.3035, 0.3166



81.2251, 0.2864, 0.3392



18.9082, 0.3025, 0.3151



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.



59.4532, 0.2781, 0.2812



60.8311, 0.2707, 0.2706



57.5827, 0.2890, 0.2725



16.4018, 0.2979, 0.3089



4.6399, 0.1545, 0.0761



0.5380, 0.1601, 0.0964

Inverse Universe

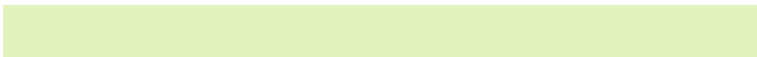
The Inverse Universe completely reimagines the original color for something new.



60.9562, 0.3477, 0.3194



62.9214, 0.3564, 0.3174



84.2123, 0.3332, 0.3834



16.5305, 0.3266, 0.3248



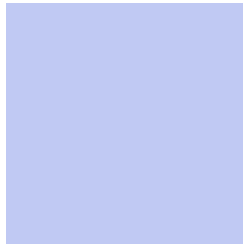
10.5678, 0.6133, 0.3152



0.9419, 0.5813, 0.2976

Previews

White Background



This preview shows how the Yxy color 59.4508, 0.2781, 0.2812 looks on a white background.

Color Contrast Check

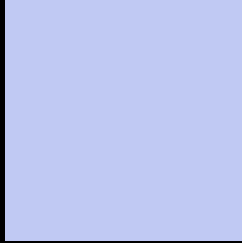
Large Text (above 18pt) WCAG AA × Fail

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 59.4508, 0.2781, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

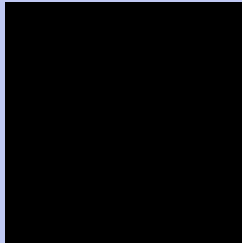
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4508, 0.2781, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 59.4508, 0.2781, 0.2812.



This preview shows how white text looks on a background with the Yxy color 59.4508, 0.2781, 0.2812.

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

59.4508, 0.2781, 0.2812

Protanopia

59.5818, 0.2788, 0.2813

Deuteranopia

59.4764, 0.2842, 0.2776



Tritanopia

59.5745, 0.2894, 0.3100

Trichromacy



Original Color

59.4508, 0.2781, 0.2812

Protanomaly

59.5818, 0.2788, 0.2813

Deuteranomaly

59.3843, 0.2815, 0.2784

Tritanomaly

59.6617, 0.2850, 0.2997

Monochromacy



Original Color

59.4508, 0.2781, 0.2812

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4451, 0.2993, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4508, 0.2781, 0.2812 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(192, 201, 243)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 243)  
}
```

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(192, 201, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 243) }
```

Border

The CSS property to change the border of an element to Yxy 59.4508, 0.2781, 0.2812 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(192, 201, 243) }
```

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

```
.border{ border-color:rgb(192, 201, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 201, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 201, 243); box-shadow:4px 4px 4px 4px rgb(192, 201, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4508, 0.2781, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 243) }
```

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

```
.background{ background-color: rgb(192,  
201, 243) }
```

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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