

Converting Colors

$Yxy(56.0249, 0.2797, 0.2804)$

Have a look what the booklet for
Yxy(56.0249, 0.2797, 0.2804)
contains.

Yxy(55.9635, 0.2793, 0.2802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.9635, 0.2793, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	BDC3ED
RGB	189, 195, 237
RGB Percent	74%, 76%, 93%
CMY	0.2589, 0.2353, 0.0706
CMYK	0.20, 0.18, 0.00, 0.07
HSL	232°, 57%, 84%
HSV	232°, 20%, 93%
XYZ	55.7837, 55.9635, 87.9797
YIQ	197.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

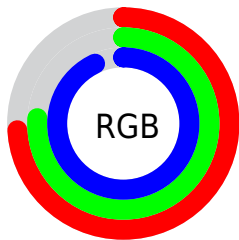
Format	Color
R_{YB}	189, 194, 237
Decimal	12436461
CIE _{Lab}	79.59, 6.59, -21.47
CIE _{LCh}	80, 22.454, 287.059
Yxy	55.9635, 0.2793, 0.2802
Android (android.graphics.Color)	4290626541 (0xFFBDC3ED)
YUV	197.9940, 19.2300, -7.8877
Hunter-Lab	74.8088, 2.1894, -17.3626

Details

The Yxy color $55.9635, 0.2793, 0.2802$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $78.8139, 0.3444, 0.3735$, and the grayscale version is $56.3568, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.8072, 0.3073, 0.3251$, and $27.5368, 0.2706, 0.2675$ is the 20% darker color. If you saturate the color by 10%, you get $44.5262, 0.2604, 0.2518$, and if you desaturate by 10%, it is $69.1896, 0.2967, 0.3058$.

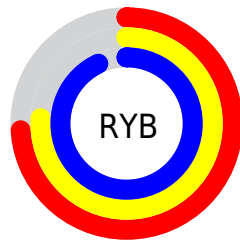
Distribution



Red (74%)

Green (76%)

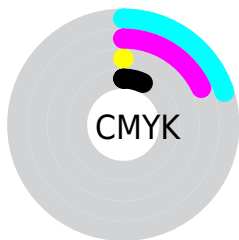
Blue (93%)



Red (74%)

Yellow (76%)

Blue (93%)

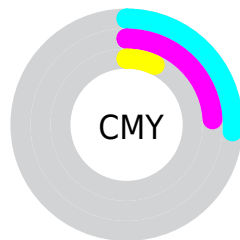


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9635, 0.2793, 0.2802 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 55.9635, 0.2793, 0.2802 by changing the saturation by 10% instead.

■ 55.9635, 0.2793,
0.2802

■ 55.9635, 0.2793,
0.2802

■ 409.5539, 0.2955,
0.3033

■ 40.1737, 0.2755,
0.2748

■ 98.9512, 0.2850,
0.2883

■ 27.6740, 0.2706,
0.2681

■ 126.9179, 0.2872,
0.2914

■ 18.0800, 0.2644,
0.2596

■ 159.7123, 0.2891,
0.2941

■ 11.0075, 0.2560,
0.2483

■ 197.7188, 0.2907,
0.2964

■ 6.0719, 0.2443,
0.2328

■ 241.3218, 0.2921,
0.2985

■ 2.8888, 0.2267,
0.2103

■ 290.9057, 0.2934,

■ 1.0740, 0.1982,

0.3003

0.1752

346.8550, 0.2945,
0.3019

0.0000, 0.0712,
0.0000

0.0000, 0.0000,
0.0000

55.9635, 0.2793,
0.2802

55.9635, 0.2793,
0.2802

44.5262, 0.2604,
0.2518

69.1896, 0.2967,
0.3058

34.7942, 0.2404,
0.2209

84.2699, 0.3123,
0.3285

26.6871, 0.2199,
0.1887

98.8943, 0.3232,
0.3464

20.1158, 0.2002,
0.1566

■ 14.9821, 0.1825,
0.1265

■ 11.1763, 0.1681,
0.1006

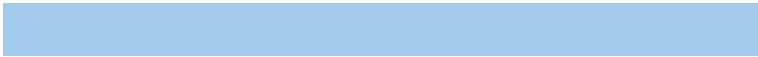
■ 8.5727, 0.1579,
0.0807

■ 7.0297, 0.1522,
0.0680

Harmonies

Analogous

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



55.9635, 0.2618, 0.2858



55.9635, 0.2793, 0.2802



55.9635, 0.3063, 0.2865

Triad

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



55.9635, 0.2793, 0.2802



55.9635, 0.3714, 0.3503



55.9635, 0.2883, 0.3573

Complementary

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



55.9635, 0.2793, 0.2802



78.8139, 0.3444, 0.3735

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.



55.9635, 0.3169, 0.3768



55.9635, 0.2793, 0.2802



55.9635, 0.3656, 0.3709

Square

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



55.9635, 0.2793, 0.2802



55.9635, 0.3605, 0.3257



55.9635, 0.3454, 0.3814



55.9635, 0.2668, 0.3296

Rectangle

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



55.9635, 0.2793, 0.2802



55.9635, 0.3264, 0.2965



55.9635, 0.3454, 0.3814



55.9635, 0.2974, 0.3651

Sweetspot

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



55.9658, 0.2793, 0.2802



88.9711, 0.3035, 0.3158



77.1304, 0.2860, 0.3361



18.7970, 0.3025, 0.3143



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.



55.9658, 0.2793, 0.2802



60.6603, 0.2722, 0.2696



55.7093, 0.2917, 0.2750



14.8535, 0.2980, 0.3077



3.9400, 0.1527, 0.0696



0.4080, 0.1579, 0.0885

Inverse Universe

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



58.3333, 0.3481, 0.3225



63.9943, 0.3568, 0.3212



79.3614, 0.3308, 0.3816



15.0848, 0.3273, 0.3261



9.8905, 0.6240, 0.3211



0.7866, 0.5935, 0.3043

Previews

White Background



This preview shows how the Yxy color 55.9635, 0.2793, 0.2802 looks on a white background.

Color Contrast Check

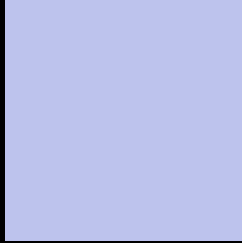
Large Text (above 18pt) WCAG AA × Fail

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 55.9635, 0.2793, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

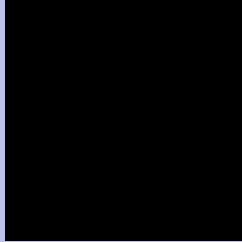
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9635, 0.2793, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 55.9635, 0.2793, 0.2802.



This preview shows how white text looks on a background with the Yxy color 55.9635, 0.2793, 0.2802.

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

55.9635, 0.2793, 0.2802

Protanopia

55.8360, 0.2786, 0.2801

Deuteranopia

55.9901, 0.2841, 0.2785



Tritanopia

56.0674, 0.2910, 0.3096

Trichromacy



Original Color

55.9635, 0.2793, 0.2802

Protanomaly

55.8360, 0.2786, 0.2801

Deuteranomaly

56.0355, 0.2821, 0.2794

Tritanomaly

56.1550, 0.2864, 0.2991

Monochromacy



Original Color

55.9635, 0.2793, 0.2802

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2881, 0.3004, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9635, 0.2793, 0.2802 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(189, 195, 237)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 237)  
}
```

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(189, 195, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 237) }
```

Border

The CSS property to change the border of an element to Yxy 55.9635, 0.2793, 0.2802 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(189, 195, 237) }
```

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

```
.border{ border-color:rgb(189, 195, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 237);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9635, 0.2793, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 237) }
```

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

```
.background{ background-color: rgb(189,  
195, 237) }
```

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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