

Converting Colors

$Yxy(55.0788, 0.2778, 0.2798)$

Have a look what the booklet for
Yxy(55.0788, 0.2778, 0.2798)
contains.

Yxy(55.0788, 0.2778, 0.2798)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.0788, 0.2778, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	BAC2EC
RGB	186, 194, 236
RGB Percent	73%, 76%, 93%
CMY	0.2704, 0.2392, 0.0746
CMYK	0.21, 0.18, 0.00, 0.07
HSL	230°, 57%, 83%
HSV	230°, 21%, 93%
XYZ	54.6851, 55.0788, 87.0867
YIQ	196.3960, -18.2500, 11.3660

Conversions

Conversions Part 2

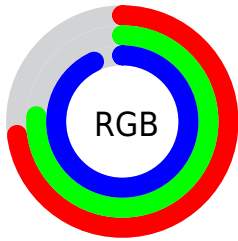
Format	Color
R _Y B	186, 193, 236
Decimal	12239596
CIE Lab	79.09, 6.00, -21.71
CIE LCh	79, 22.522, 285.460
Yxy	55.0788, 0.2778, 0.2798
Android (android.graphics.Color)	4290429676 (0xFFBAC2EC)
YUV	196.3960, 19.5248, -9.1173
Hunter-Lab	74.2151, 1.6506, -17.6225

Details

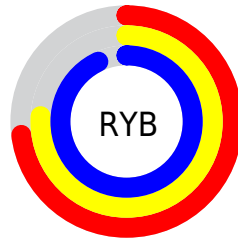
The Yxy color **55.0788, 0.2778, 0.2798** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.8708, 0.3462, 0.3738**, and the grayscale version is **55.3445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6459, 0.3055, 0.3241**, and **27.2506, 0.2687, 0.2684** is the 20% darker color. If you saturate the color by 10%, you get **44.1169, 0.2590, 0.2523**, and if you desaturate by 10%, it is **67.7118, 0.2952, 0.3046**.

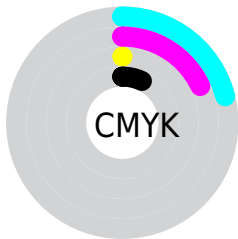
Distribution



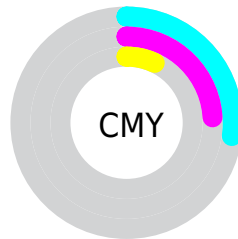
- Red (73%)
- Green (76%)
- Blue (93%)



- Red (73%)
- Yellow (76%)
- Blue (93%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0788, 0.2778, 0.2798 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 55.0788, 0.2778, 0.2798 by changing the saturation by 10% instead.

■ 55.0788, 0.2778,
0.2798

■ 55.0788, 0.2778,
0.2798

406.2106, 0.2947,
0.3032

■ 39.4648, 0.2738,
0.2743

■ 97.6564, 0.2838,
0.2880

■ 27.1215, 0.2687,
0.2675

125.3888, 0.2861,
0.2912

■ 17.6645, 0.2621,
0.2588

157.9295, 0.2881,
0.2939

■ 10.7094, 0.2534,
0.2473

195.6628, 0.2897,
0.2962

■ 5.8718, 0.2410,
0.2314

238.9732, 0.2912,
0.2983

■ 2.7673, 0.2225,
0.2083

288.2450, 0.2925,

■ 1.0115, 0.1925,

0.3001

0.1722

343.8627, 0.2937,
0.3017

0.0000, 0.0330,
0.0000

0.0000, 0.0000,
0.0000

55.0788, 0.2778,
0.2798

55.0788, 0.2778,
0.2798

44.1169, 0.2590,
0.2523

67.7118, 0.2952,
0.3046

34.7490, 0.2392,
0.2225

82.0752, 0.3110,
0.3266

26.9021, 0.2192,
0.1913

97.8850, 0.3240,
0.3459

20.4945, 0.2000,
0.1601

98.8347, 0.3238,
0.3474

■ 15.4371, 0.1827,
0.1306

■ 11.6299, 0.1687,
0.1048

■ 8.9588, 0.1587,
0.0846

■ 7.4165, 0.1533,
0.0719

Harmonies

Analogous

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



55.0788, 0.2608, 0.2861



55.0788, 0.2778, 0.2798



55.0788, 0.3046, 0.2856

Triad

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



55.0788, 0.2778, 0.2798



55.0788, 0.3717, 0.3492



55.0788, 0.2895, 0.3588

Complementary

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



55.0788, 0.2778, 0.2798



76.8708, 0.3462, 0.3738

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.



55.0788, 0.3186, 0.3779



55.0788, 0.2778, 0.2798



55.0788, 0.3668, 0.3704

Square

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



55.0788, 0.2778, 0.2798



55.0788, 0.3599, 0.3243



55.0788, 0.3470, 0.3816



55.0788, 0.2673, 0.3311

Rectangle

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



55.0788, 0.2778, 0.2798



55.0788, 0.3249, 0.2953



55.0788, 0.3470, 0.3816



55.0788, 0.2988, 0.3666

Sweetspot

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



55.0810, 0.2778, 0.2798



89.2798, 0.3035, 0.3163



76.0030, 0.2858, 0.3383



18.8697, 0.3025, 0.3148



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.



55.0810, 0.2778, 0.2798



60.2945, 0.2705, 0.2693



53.8403, 0.2894, 0.2722



14.9367, 0.2980, 0.3086



4.2102, 0.1538, 0.0738



0.4474, 0.1599, 0.0957

Inverse Universe

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



56.8571, 0.3487, 0.3203



62.8672, 0.3574, 0.3186



78.6351, 0.3327, 0.3838



15.0932, 0.3268, 0.3253



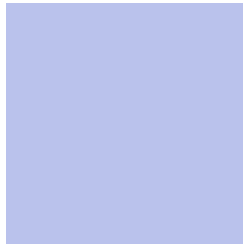
9.9178, 0.6171, 0.3173



0.7906, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 55.0788, 0.2778, 0.2798 looks on a white background.

Color Contrast Check

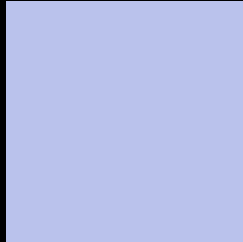
Large Text (above 18pt) WCAG AA × Fail

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 55.0788, 0.2778, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

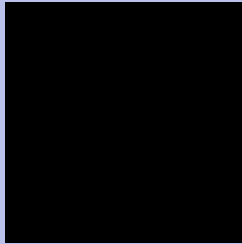
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0788, 0.2778, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 55.0788, 0.2778, 0.2798.



This preview shows how white text looks on a background with the Yxy color 55.0788, 0.2778, 0.2798.

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

55.0788, 0.2778, 0.2798

Protanopia

55.2045, 0.2785, 0.2799

Deuteranopia

54.8454, 0.2826, 0.2759



Tritanopia

55.1883, 0.2894, 0.3094

Trichromacy



Original Color

55.0788, 0.2778, 0.2798

Protanomaly

55.2045, 0.2785, 0.2799

Deuteranomaly

54.8901, 0.2805, 0.2768

Tritanomaly

55.2737, 0.2848, 0.2989

Monochromacy



Original Color

55.0788, 0.2778, 0.2798

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9398, 0.2988, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0788, 0.2778, 0.2798 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(186, 194, 236)` looks like.

```
.text, #text, p{  
    color:rgb(186, 194, 236)  
}
```

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(186, 194, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 236) }
```

Border

The CSS property to change the border of an element to Yxy 55.0788, 0.2778, 0.2798 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(186, 194, 236) }
```

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

```
.border{ border-color:rgb(186, 194, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 194, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 194, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 194, 236);  
box-shadow:4px 4px 4px 4px rgb(186, 194,  
236) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 55.0788, 0.2778, 0.2798$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 194, 236) }
```

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

```
.background{ background-color: rgb(186,  
194, 236) }
```

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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