

Converting Colors

$Yxy(55.0942, 0.2718, 0.2551)$

Have a look what the booklet for
Yxy(55.0942, 0.2718, 0.2551)
contains.

Yxy(55.2173, 0.2718, 0.2555)	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(55.2173, 0.2718, 0.2555)

Conversions

Conversions Part 1

Format	Color
Hex	C3BDFF
RGB	195, 189, 255
RGB Percent	76%, 74%, 100%
CMY	0.2355, 0.2587, 0.0001
CMYK	0.24, 0.26, 0.00, 0.00
HSL	245°, 100%, 87%
HSV	245°, 26%, 100%
XYZ	58.7400, 55.2173, 102.1574
YIQ	198.3180, -17.6100, 21.7980

Conversions

Conversions Part 2

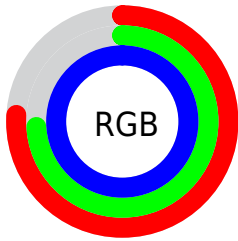
Format	Color
R _Y B	195, 189, 255
Decimal	12828159
CIE Lab	79.17, 15.69, -31.71
CIE LCh	79, 35.386, 296.330
Yxy	55.2173, 0.2718, 0.2555
Android (android.graphics.Color)	4291018239 (0xFFC3BDFF)
YUV	198.3180, 27.9442, -2.9099
Hunter-Lab	74.3083, 11.0628, -29.4947

Details

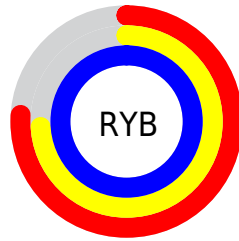
The Yxy color $55.2173, 0.2718, 0.2555$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.3387, 0.3480, 0.3948$, and the grayscale version is $56.5070, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.2203, 0.3112, 0.3194$, and $27.2610, 0.2611, 0.2387$ is the 20% darker color. If you saturate the color by 10%, you get $42.3412, 0.2526, 0.2220$, and if you desaturate by 10%, it is $70.5068, 0.2892, 0.2864$.

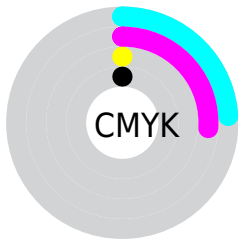
Distribution



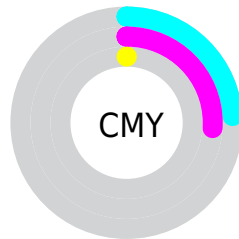
- Red (76%)
- Green (74%)
- Blue (100%)



- Red (76%)
- Yellow (74%)
- Blue (100%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2173, 0.2718, 0.2555 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 55.2173, 0.2718, 0.2555 by changing the saturation by 10% instead.

■ 55.2173, 0.2718,
0.2555

■ 55.2173, 0.2718,
0.2555

406.7351, 0.2917,
0.2895

■ 39.5757, 0.2671,
0.2478

■ 97.8593, 0.2789,
0.2672

■ 27.2079, 0.2611,
0.2384

125.6284, 0.2816,
0.2718

■ 17.7294, 0.2535,
0.2265

158.2089, 0.2839,
0.2758

■ 10.7559, 0.2433,
0.2113

195.9852, 0.2859,
0.2792

■ 5.9029, 0.2292,
0.1911

239.3415, 0.2876,
0.2823

■ 2.7862, 0.2086,
0.1633

288.6623, 0.2891,

■ 1.0211, 0.1766,

0.2850

0.1239

344.3321, 0.2905,
0.2873

0.0000, 0.1007,
0.0000

0.0000, 0.0000,
0.0000

55.2173, 0.2718,
0.2555

55.2173, 0.2718,
0.2555

42.3412, 0.2526,
0.2220

70.5068, 0.2892,
0.2864

31.7487, 0.2323,
0.1869

88.3173, 0.3046,
0.3142

23.3080, 0.2117,
0.1522

99.9991, 0.3127,
0.3290

16.8711, 0.1921,
0.1203

■ 12.2712, 0.1753,
0.0937

■ 9.3144, 0.1624,
0.0746

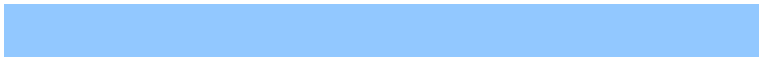
■ 7.7626, 0.1543,
0.0638

■ 7.3999, 0.1522,
0.0612

Harmonies

Analogous

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



55.2173, 0.2404, 0.2571



55.2173, 0.2718, 0.2555



55.2173, 0.3164, 0.2704

Triad

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



55.2173, 0.2718, 0.2555



55.2173, 0.4057, 0.3711



55.2173, 0.2619, 0.3610

Complementary

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



55.2173, 0.2718, 0.2555



95.3387, 0.3480, 0.3948

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.



55.2173, 0.3037, 0.3995



55.2173, 0.2718, 0.2555



55.2173, 0.3877, 0.4012

Square

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



55.2173, 0.2718, 0.2555



55.2173, 0.3970, 0.3340



55.2173, 0.3498, 0.4137



55.2173, 0.2349, 0.3146

Rectangle

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



55.2173, 0.2718, 0.2555



55.2173, 0.3483, 0.2879



55.2173, 0.3498, 0.4137



55.2173, 0.2746, 0.3757

Sweetspot

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



55.2195, 0.2718, 0.2555



84.3145, 0.3015, 0.3086



86.0955, 0.2741, 0.3230



17.4557, 0.2992, 0.3045



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.



55.2195, 0.2718, 0.2555



48.3236, 0.2622, 0.2386



60.0376, 0.2951, 0.2602



17.4557, 0.2992, 0.3045



3.8933, 0.1529, 0.0616



0.4042, 0.1588, 0.0649

Inverse Universe

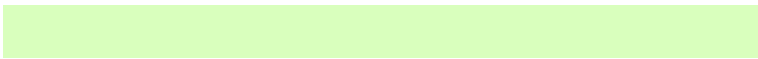
The Inverse Universe completely reimagines the original color for something new.



64.5070, 0.3201, 0.2697



59.0626, 0.3218, 0.2579



89.8631, 0.3264, 0.3996



18.2706, 0.3152, 0.3076



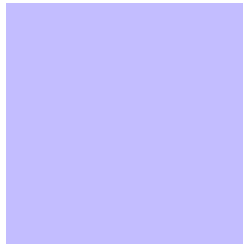
14.1683, 0.3449, 0.1674



1.3874, 0.3418, 0.1657

Previews

White Background



This preview shows how the Yxy color 55.2173, 0.2718, 0.2555 looks on a white background.

Color Contrast Check

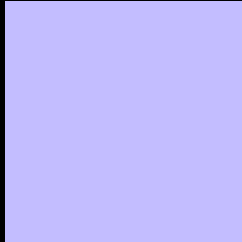
Large Text (above 18pt) WCAG AA × Fail

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 55.2173, 0.2718, 0.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

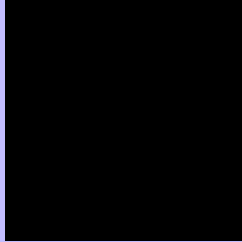
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2173, 0.2718, 0.2555

Background



This preview shows how black text looks on a background with the Yxy color 55.2173, 0.2718, 0.2555.

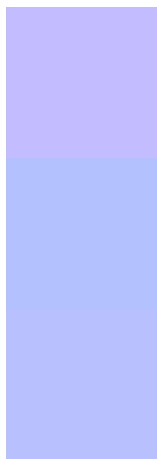


This preview shows how white text looks on a background with the Yxy color 55.2173, 0.2718, 0.2555.

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

55.2173, 0.2718, 0.2555

Protanopia

55.3873, 0.2618, 0.2592

Deuteranopia

55.4860, 0.2655, 0.2596



Tritanopia

55.3014, 0.2937, 0.3096

Trichromacy



Original Color

55.2173, 0.2718, 0.2555

Protanomaly

55.2336, 0.2654, 0.2576

Deuteranomaly

55.5464, 0.2680, 0.2590

Tritanomaly

55.1322, 0.2858, 0.2889

Monochromacy



Original Color

55.2173, 0.2718, 0.2555

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0150, 0.2970, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2173, 0.2718, 0.2555 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(195, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 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(195, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.2173, 0.2718, 0.2555 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(195, 189, 255) }
```

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

```
.border{ border-color:rgb(195, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2173, 0.2718, 0.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 255) }
```

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

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