

Converting Colors

Yxy(55.9428, 0.2717, 0.2925)

Have a look what the booklet for
Yxy(55.9428, 0.2717, 0.2925)
contains.

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Color

Yxy(55.7360, 0.2713, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	ABC8E7
RGB	171, 200, 231
RGB Percent	67%, 78%, 91%
CMY	0.3293, 0.2157, 0.0943
CMYK	0.26, 0.13, 0.00, 0.09
HSL	211°, 55%, 79%
HSV	211°, 26%, 91%
XYZ	51.8737, 55.7360, 83.5944
YIQ	194.8630, -27.2350, 3.4930

Conversions

Conversions Part 2

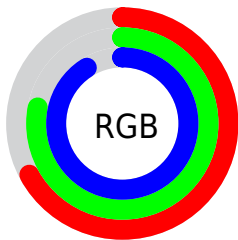
Format	Color
RYB	171, 191, 231
Decimal	11258087
CIELab	79.46, -2.87, -18.54
CIELCh	79, 18.763, 261.194
Yxy	55.7360, 0.2713, 0.2915
Android (android.graphics.Color)	4289448167 (0xFFABC8E7)
YUV	194.8630, 17.8155, -20.9279
Hunter-Lab	74.6565, -6.6216, -14.1286

Details

The Yxy color **55.7360, 0.2713, 0.2915** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.1637, 0.3594, 0.3638**, and the grayscale version is **54.3955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **27.4348, 0.2606, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **48.0531, 0.2547, 0.2743**, and if you desaturate by 10%, it is **64.3080, 0.2877, 0.3072**.

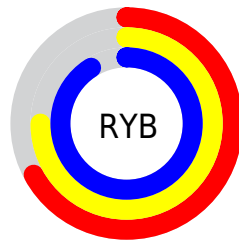
Distribution



Red (67%)

Green (78%)

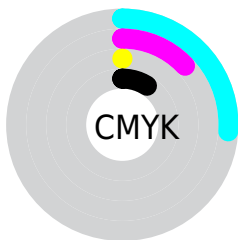
Blue (91%)



Red (67%)

Yellow (75%)

Blue (91%)

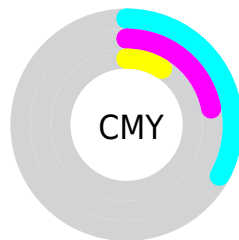


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (33%)

Magenta (22%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7360, 0.2713, 0.2915 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 55.7360, 0.2713, 0.2915 by changing the saturation by 10% instead.

■ 55.7360, 0.2713,
0.2915

■ 55.7360, 0.2713,
0.2915

408.6958, 0.2911,
0.3096

■ 39.9913, 0.2666,
0.2872

■ 98.6185, 0.2783,
0.2979

■ 27.5318, 0.2608,
0.2817

126.5250, 0.2810,
0.3004

■ 17.9730, 0.2532,
0.2747

159.2543, 0.2833,
0.3025

■ 10.9306, 0.2432,
0.2653

197.1908, 0.2853,
0.3043

■ 6.0202, 0.2292,
0.2520

240.7188, 0.2870,
0.3059

■ 2.8574, 0.2084,
0.2321

290.2227, 0.2886,

■ 1.0577, 0.1752,

0.3073

0.1996

346.0869, 0.2899,
0.3085

0.0000, 0.0000,
0.0000

55.7360, 0.2713,
0.2915

55.7360, 0.2713,
0.2915

48.0531, 0.2547,
0.2743

64.3080, 0.2877,
0.3072

41.2192, 0.2384,
0.2558

73.7936, 0.3036,
0.3213

35.2008, 0.2227,
0.2362

84.2248, 0.3188,
0.3339

29.9587, 0.2083,
0.2160

93.9972, 0.3275,
0.3454

25.4500, 0.1957,
0.1957

98.5472, 0.3268,
0.3523

■ 21.6256, 0.1854,
0.1759

■ 18.4273, 0.1776,
0.1571

■ 17.2744, 0.1750,
0.1498

Harmonies

Analogous

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



55.7360, 0.2659, 0.3052



55.7360, 0.2713, 0.2915



55.7360, 0.2875, 0.2880

Triad

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



55.7360, 0.2713, 0.2915



55.7360, 0.3546, 0.3293



55.7360, 0.3130, 0.3670

Complementary

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



55.7360, 0.2713, 0.2915



62.1637, 0.3594, 0.3638

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.



55.7360, 0.3372, 0.3729



55.7360, 0.2713, 0.2915



55.7360, 0.3619, 0.3499

Square

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



55.7360, 0.2713, 0.2915



55.7360, 0.3357, 0.3094



55.7360, 0.3553, 0.3661



55.7360, 0.2893, 0.3496

Rectangle

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



55.7360, 0.2713, 0.2915



55.7360, 0.3026, 0.2913



55.7360, 0.3553, 0.3661



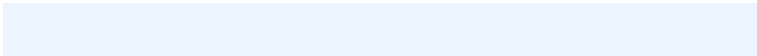
55.7360, 0.3213, 0.3705

Sweetspot

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



55.7382, 0.2713, 0.2915



89.7928, 0.3003, 0.3185



70.0084, 0.2916, 0.3651



18.8268, 0.2979, 0.3164



0.0000, 0.0000, 0.0000



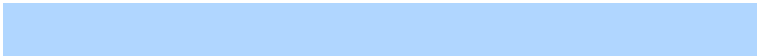
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.7382, 0.2713, 0.2915



64.6174, 0.2626, 0.2827



43.5698, 0.2679, 0.2549



15.0311, 0.2981, 0.3165



9.9342, 0.1758, 0.1527



0.9194, 0.1833, 0.1797

Inverse Universe

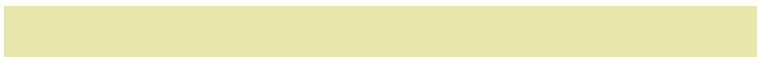
The Inverse Universe completely reimagines the original color for something new.



50.2926, 0.3418, 0.2967



57.1542, 0.3495, 0.2898



77.0530, 0.3519, 0.3937



14.4835, 0.3217, 0.3177



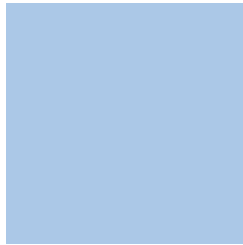
10.2006, 0.5025, 0.2542



0.7725, 0.4689, 0.2357

Previews

White Background



This preview shows how the Yxy color 55.7360, 0.2713, 0.2915 looks on a white background.

Color Contrast Check

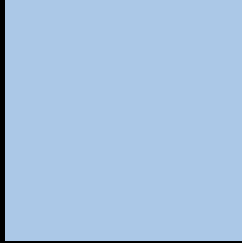
Large Text (above 18pt) WCAG AA × Fail

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 55.7360, 0.2713, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

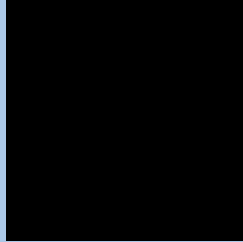
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

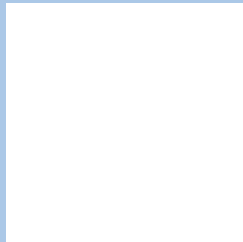
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7360, 0.2713, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 55.7360, 0.2713, 0.2915.



This preview shows how white text looks on a background with the Yxy color 55.7360, 0.2713, 0.2915.

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

55.7360, 0.2713, 0.2915

Protanopia

55.7080, 0.2865, 0.2902

Deuteranopia

55.5882, 0.2882, 0.2818



Tritanopia

55.6278, 0.2774, 0.3091

Trichromacy



Original Color

55.7360, 0.2713, 0.2915

Protanomaly

55.7800, 0.2810, 0.2910

Deuteranomaly

55.5478, 0.2818, 0.2855

Tritanomaly

55.5360, 0.2749, 0.3019

Monochromacy



Original Color

55.7360, 0.2713, 0.2915

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9257, 0.2964, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7360, 0.2713, 0.2915 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(171, 200, 231)` looks like.

```
.text, #text, p{  
    color:rgb(171, 200, 231)  
}
```

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(171, 200, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 200, 231) }
```

Border

The CSS property to change the border of an element to Yxy 55.7360, 0.2713, 0.2915 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(171, 200, 231) }
```

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

```
.border{ border-color:rgb(171, 200, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 200, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 200, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 200, 231);  
box-shadow:4px 4px 4px 4px rgb(171, 200,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7360, 0.2713, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 200, 231) }
```

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

```
.background{ background-color: rgb(171,  
200, 231) }
```

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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