

Converting Colors

$Y_{xy}(55.1947, 0.2670, 0.2820)$

Have a look what the booklet for
Yxy(55.1947, 0.2670, 0.2820)
contains.

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Color

Yxy(55.1605, 0.2675, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	ABC6ED
RGB	171, 198, 237
RGB Percent	67%, 78%, 93%
CMY	0.3291, 0.2236, 0.0706
CMYK	0.28, 0.16, 0.00, 0.07
HSL	216°, 65%, 80%
HSV	216°, 28%, 93%
XYZ	52.2872, 55.1605, 88.0183
YIQ	194.3730, -28.6110, 6.4050

Conversions

Conversions Part 2

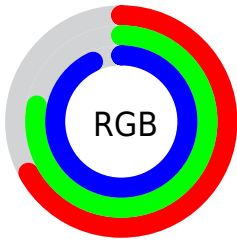
Format	Color
R_{YB}	171, 190, 237
Decimal	11257581
CIE _{Lab}	79.13, -0.37, -22.29
CIE _{LCh}	79, 22.289, 269.052
Yxy	55.1605, 0.2675, 0.2822
Android (android.graphics.Color)	4289447661 (0xFFABC6ED)
YUV	194.3730, 21.0151, -20.4981
Hunter-Lab	74.2701, -4.3063, -18.2762

Details

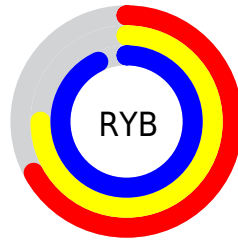
The Yxy color **55.1605, 0.2675, 0.2822** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.0909, 0.3621, 0.3717**, and the grayscale version is **54.0754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **27.0646, 0.2557, 0.2698** is the 20% darker color. If you saturate the color by 10%, you get **46.6161, 0.2502, 0.2620**, and if you desaturate by 10%, it is **64.7805, 0.2844, 0.3007**.

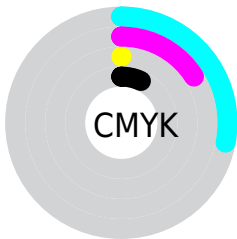
Distribution



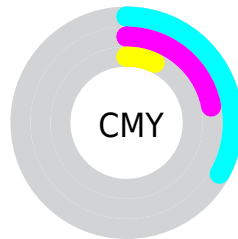
- Red (67%)
- Green (78%)
- Blue (93%)



- Red (67%)
- Yellow (75%)
- Blue (93%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1605, 0.2675, 0.2822 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 55.1605, 0.2675, 0.2822 by changing the saturation by 10% instead.

■ 55.1605, 0.2675,
0.2822

■ 55.1605, 0.2675,
0.2822

406.5200, 0.2892,
0.3047

■ 39.5302, 0.2624,
0.2769

■ 97.7761, 0.2752,
0.2901

■ 27.1725, 0.2560,
0.2703

125.5302, 0.2781,
0.2932

■ 17.7028, 0.2478,
0.2617

158.0943, 0.2806,
0.2958

■ 10.7368, 0.2369,
0.2504

195.8530, 0.2828,
0.2980

■ 5.8902, 0.2217,
0.2346

239.1905, 0.2847,
0.3000

■ 2.7784, 0.1995,
0.2114

288.4912, 0.2864,

■ 1.0172, 0.1644,

0.3017

0.1748

344.1396, 0.2878,
0.3033

0.0000, 0.0000,
0.0000

55.1605, 0.2675,
0.2822

55.1605, 0.2675,
0.2822

46.6161, 0.2502,
0.2620

64.7805, 0.2844,
0.3007

39.0991, 0.2330,
0.2403

75.5085, 0.3006,
0.3173

32.5670, 0.2165,
0.2176

87.3836, 0.3160,
0.3321

26.9716, 0.2014,
0.1944

98.3191, 0.3233,
0.3455

22.2590, 0.1882,
0.1714

98.8950, 0.3232,
0.3463

■ 18.3685, 0.1776,
0.1497

■ 15.2230, 0.1698,
0.1300

■ 14.6155, 0.1683,
0.1259

Harmonies

Analogous

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



55.1605, 0.2576, 0.2951



55.1605, 0.2675, 0.2822



55.1605, 0.2893, 0.2815

Triad

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



55.1605, 0.2675, 0.2822



55.1605, 0.3666, 0.3356



55.1605, 0.3051, 0.3704

Complementary

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



55.1605, 0.2675, 0.2822



67.0909, 0.3621, 0.3717

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.



55.1605, 0.3345, 0.3814



55.1605, 0.2675, 0.2822



55.1605, 0.3709, 0.3593

Square

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



55.1605, 0.2675, 0.2822



55.1605, 0.3470, 0.3115



55.1605, 0.3589, 0.3766



55.1605, 0.2786, 0.3466

Rectangle

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



55.1605, 0.2675, 0.2822



55.1605, 0.3083, 0.2875



55.1605, 0.3589, 0.3766



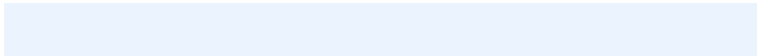
55.1605, 0.3149, 0.3758

Sweetspot

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



55.1627, 0.2675, 0.2822



88.8712, 0.3003, 0.3169



73.8702, 0.2871, 0.3614



18.5951, 0.2979, 0.3145



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.



55.1627, 0.2675, 0.2822



59.6174, 0.2583, 0.2717



44.5653, 0.2681, 0.2494



15.5585, 0.2980, 0.3147



8.2218, 0.1692, 0.1289



0.8305, 0.1767, 0.1562

Inverse Universe

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



51.2365, 0.3489, 0.2995



54.7464, 0.3583, 0.2936



80.5917, 0.3508, 0.3995



15.1560, 0.3229, 0.3194



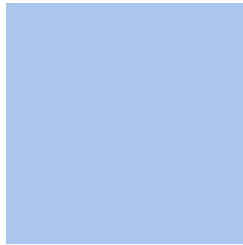
10.3228, 0.5341, 0.2716



0.8293, 0.4979, 0.2516

Previews

White Background



This preview shows how the Yxy color 55.1605, 0.2675, 0.2822 looks on a white background.

Color Contrast Check

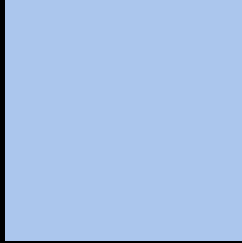
Large Text (above 18pt) WCAG AA × Fail

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 55.1605, 0.2675, 0.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

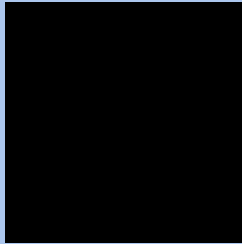
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

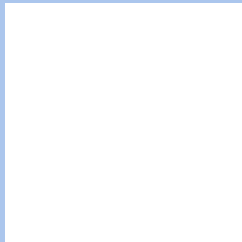
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1605, 0.2675, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 55.1605, 0.2675, 0.2822.



This preview shows how white text looks on a background with the Yxy color 55.1605, 0.2675, 0.2822.

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

55.1605, 0.2675, 0.2822

Protanopia

55.0889, 0.2797, 0.2820

Deuteranopia

54.7721, 0.2812, 0.2748



Tritanopia

54.9985, 0.2772, 0.3090

Trichromacy



Original Color

55.1605, 0.2675, 0.2822

Protanomaly

54.8521, 0.2750, 0.2816

Deuteranomaly

55.0709, 0.2758, 0.2775

Tritanomaly

55.0152, 0.2735, 0.2994

Monochromacy



Original Color

55.1605, 0.2675, 0.2822

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1225, 0.2950, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1605, 0.2675, 0.2822 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, 198, 237)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 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(171, 198, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 237) }
```

Border

The CSS property to change the border of an element to Yxy 55.1605, 0.2675, 0.2822 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, 198, 237) }
```

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

```
.border{ border-color:rgb(171, 198, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 198, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 198, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 198, 237); box-shadow:4px 4px 4px 4px rgb(171, 198, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1605, 0.2675, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 237) }
```

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

```
.background{ background-color: rgb(171,  
198, 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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