

Converting Colors

$Y_{xy}(58.5256, 0.2586, 0.2701)$

Have a look what the booklet for
Yxy(58.5256, 0.2586, 0.2701)
contains.

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Color

Yxy(58.5256, 0.2586, 0.2701)

Conversions

Conversions Part 1

Format	Color
Hex	ABCBFE
RGB	171, 203, 254
RGB Percent	67%, 80%, 100%
CMY	0.3296, 0.2039, 0.0039
CMYK	0.33, 0.20, 0.00, 0.00
HSL	217°, 98%, 83%
HSV	217°, 33%, 100%
XYZ	56.0338, 58.5256, 102.1219
YIQ	199.2460, -35.4430, 9.0770

Conversions

Conversions Part 2

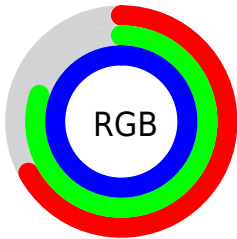
Format	Color
R _Y B	171, 194, 254
Decimal	11258878
CIE Lab	81.03, 1.02, -28.48
CIE LCh	81, 28.496, 272.046
Yxy	58.5256, 0.2586, 0.2701
Android (android.graphics.Color)	4289448958 (0xFFABCBE)
YUV	199.2460, 26.9937, -24.7717
Hunter-Lab	76.5020, -3.1366, -25.5943

Details

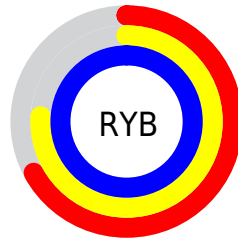
The Yxy color **58.5256, 0.2586, 0.2701** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.2317, 0.3719, 0.3814**, and the grayscale version is **57.1163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **29.2391, 0.2453, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **48.9445, 0.2410, 0.2482**, and if you desaturate by 10%, it is **69.4005, 0.2760, 0.2903**.

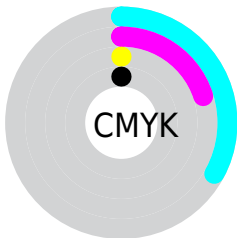
Distribution



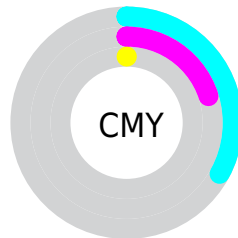
- Red (67%)
- Green (80%)
- Blue (100%)



- Red (67%)
- Yellow (76%)
- Blue (100%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5256, 0.2586, 0.2701 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 58.5256, 0.2586, 0.2701 by changing the saturation by 10% instead.

■ 58.5256, 0.2586,
0.2701

■ 58.5256, 0.2586,
0.2701

419.1416, 0.2842,
0.2978

■ 42.2313, 0.2527,
0.2637

■ 102.6879, 0.2675,
0.2798

■ 29.2825, 0.2454,
0.2558

131.3247, 0.2710,
0.2835

■ 19.2946, 0.2361,
0.2458

164.8444, 0.2740,
0.2868

■ 11.8834, 0.2239,
0.2327

203.6315, 0.2765,
0.2896

■ 6.6643, 0.2075,
0.2150

248.0704, 0.2788,
0.2920

■ 3.2531, 0.1841,
0.1901

298.5455, 0.2808,

■ 1.2652, 0.1494,

0.2942

0.1532

355.4411, 0.2826,
0.2961

0.1140, 0.0462,
0.0396

0.0000, 0.0000,
0.0000

58.5256, 0.2586,
0.2701

58.5256, 0.2586,
0.2701

48.9445, 0.2410,
0.2482

69.4005, 0.2760,
0.2903

40.5969, 0.2237,
0.2250

81.6123, 0.2927,
0.3086

33.4278, 0.2075,
0.2009

95.2101, 0.3086,
0.3249

27.3740, 0.1929,
0.1769

99.9368, 0.3133,
0.3299

■ 22.3653, 0.1807,
0.1539

■ 18.3200, 0.1714,
0.1327

■ 15.9004, 0.1663,
0.1188

Harmonies

Analogous

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



58.5256, 0.2449, 0.2841



58.5256, 0.2586, 0.2701



58.5256, 0.2866, 0.2711

Triad

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



58.5256, 0.2586, 0.2701



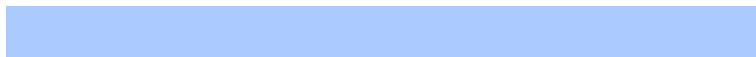
58.5256, 0.3820, 0.3396



58.5256, 0.2992, 0.3792

Complementary

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



58.5256, 0.2586, 0.2701



76.2317, 0.3719, 0.3814

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.



58.5256, 0.3360, 0.3948



58.5256, 0.2586, 0.2701



58.5256, 0.3851, 0.3687

Square

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



58.5256, 0.2586, 0.2701



58.5256, 0.3589, 0.3099



58.5256, 0.3678, 0.3898



58.5256, 0.2673, 0.3475

Rectangle

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



58.5256, 0.2586, 0.2701



58.5256, 0.3106, 0.2793



58.5256, 0.3678, 0.3898



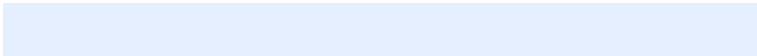
58.5256, 0.3114, 0.3866

Sweetspot

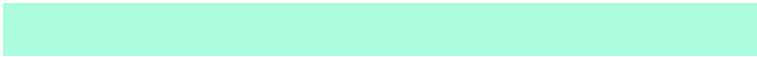
The Sweet Spot groups the original color and five complimentary colors.



58.5279, 0.2586, 0.2701



85.8941, 0.2971, 0.3132



84.7560, 0.2823, 0.3666



17.9850, 0.2948, 0.3108



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.



58.5279, 0.2586, 0.2701



52.7979, 0.2475, 0.2565



45.8798, 0.2595, 0.2330



18.5273, 0.2979, 0.3140



8.6459, 0.1672, 0.1218



1.0459, 0.1734, 0.1442

Inverse Universe

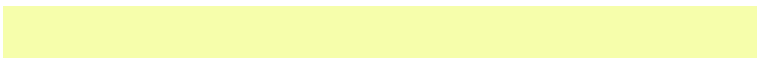
The Inverse Universe completely reimagines the original color for something new.



54.4946, 0.3594, 0.2958



48.7783, 0.3722, 0.2892



93.3729, 0.3565, 0.4125



18.1031, 0.3233, 0.3199



11.6008, 0.5441, 0.2771



1.1501, 0.5135, 0.2602

Previews

White Background



This preview shows how the Yxy color 58.5256, 0.2586, 0.2701 looks on a white background.

Color Contrast Check

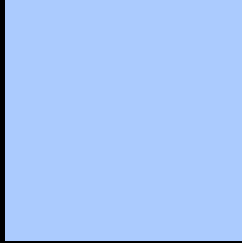
Large Text (above 18pt) WCAG AA × Fail

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 58.5256, 0.2586, 0.2701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

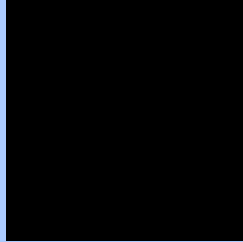
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

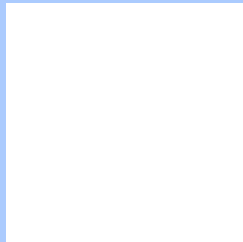
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5256, 0.2586, 0.2701

Background



This preview shows how black text looks on a background with the Yxy color 58.5256, 0.2586, 0.2701.



This preview shows how white text looks on a background with the Yxy color 58.5256, 0.2586, 0.2701.

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

58.5256, 0.2586, 0.2701

Protanopia

58.5032, 0.2705, 0.2702

Deuteranopia

58.3590, 0.2706, 0.2643



Tritanopia

58.4405, 0.2713, 0.3081

Trichromacy



Original Color

58.5256, 0.2586, 0.2701

Protanomaly

58.2819, 0.2661, 0.2697

Deuteranomaly

58.2572, 0.2656, 0.2657

Tritanomaly

58.4142, 0.2665, 0.2930

Monochromacy



Original Color

58.5256, 0.2586, 0.2701

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2418, 0.2913, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5256, 0.2586, 0.2701 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, 203, 254)` looks like.

```
.text, #text, p{  
    color:rgb(171, 203, 254)  
}
```

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, 203, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 203, 254) }
```

Border

The CSS property to change the border of an element to Yxy 58.5256, 0.2586, 0.2701 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, 203, 254) }
```

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

```
.border{ border-color:rgb(171, 203, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 203, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 203, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 203, 254); box-shadow:4px 4px 4px 4px rgb(171, 203, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5256, 0.2586, 0.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 203, 254) }
```

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

```
.background{ background-color: rgb(171,  
203, 254) }
```

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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