

Converting Colors

$Yxy(60.1177, 0.2495, 0.2474)$

Have a look what the booklet for
Yxy(60.1177, 0.2495, 0.2474)
contains.

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Color

Yxy(58.5750, 0.2604, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	AFCAFF
RGB	175, 202, 255
RGB Percent	69%, 79%, 100%
CMY	0.3136, 0.2078, 0.0001
CMYK	0.31, 0.21, 0.00, 0.00
HSL	220°, 100%, 84%
HSV	220°, 31%, 100%
XYZ	56.8503, 58.5750, 102.8938
YIQ	199.9690, -33.1050, 10.7590

Conversions

Conversions Part 2

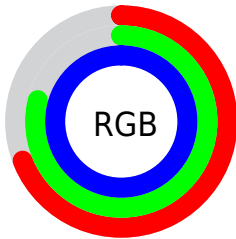
Format	Color
RYB	175, 195, 255
Decimal	11520767
CIELab	81.06, 2.93, -28.92
CIElCh	81, 29.071, 275.777
Yxy	58.5750, 0.2604, 0.2683
Android (android.graphics.Color)	4289710847 (0xFFAFCAFF)
YUV	199.9690, 27.1303, -21.8978
Hunter-Lab	76.5343, -1.3438, -26.1363

Details

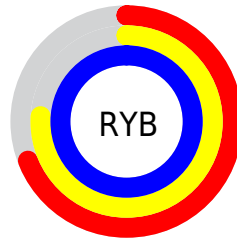
The Yxy color **58.5750, 0.2604, 0.2683** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.8382, 0.3679, 0.3829**, and the grayscale version is **57.5875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **29.2501, 0.2473, 0.2536** is the 20% darker color. If you saturate the color by 10%, you get **48.4006, 0.2423, 0.2448**, and if you desaturate by 10%, it is **70.1790, 0.2781, 0.2899**.

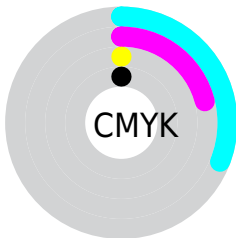
Distribution



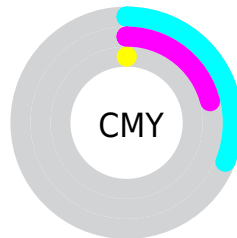
- Red (69%)
- Green (79%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5750, 0.2604, 0.2683 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 58.5750, 0.2604, 0.2683 by changing the saturation by 10% instead.

■ 58.5750, 0.2604,
0.2683

■ 58.5750, 0.2604,
0.2683

419.3251, 0.2851,
0.2968

■ 42.2711, 0.2547,
0.2618

■ 102.7597, 0.2691,
0.2782

■ 29.3136, 0.2476,
0.2537

131.4093, 0.2724,
0.2821

■ 19.3182, 0.2385,
0.2435

164.9429, 0.2753,
0.2854

■ 11.9004, 0.2267,
0.2302

203.7450, 0.2778,
0.2882

■ 6.6759, 0.2107,
0.2123

248.1998, 0.2800,
0.2908

■ 3.2603, 0.1879,
0.1872

298.6918, 0.2819,

■ 1.2691, 0.1539,

0.2930

0.1503

355.6055, 0.2836,
0.2950

0.1171, 0.0609,
0.0390

0.0000, 0.0000,
0.0000

58.5750, 0.2604,
0.2683

58.5750, 0.2604,
0.2683

48.4006, 0.2423,
0.2448

70.1790, 0.2781,
0.2899

39.5895, 0.2244,
0.2198

83.2613, 0.2949,
0.3094

32.0804, 0.2072,
0.1941

97.8765, 0.3107,
0.3268

25.8036, 0.1918,
0.1684

99.9983, 0.3127,
0.3290

■ 20.6816, 0.1788,
0.1441

■ 16.6257, 0.1688,
0.1221

■ 13.8780, 0.1627,
0.1056

Harmonies

Analogous

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



58.5750, 0.2445, 0.2806



58.5750, 0.2604, 0.2683



58.5750, 0.2904, 0.2711

Triad

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



58.5750, 0.2604, 0.2683



58.5750, 0.3850, 0.3436



58.5750, 0.2944, 0.3769

Complementary

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



58.5750, 0.2604, 0.2683



79.8382, 0.3679, 0.3829

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.



58.5750, 0.3318, 0.3953



58.5750, 0.2604, 0.2683



58.5750, 0.3854, 0.3727

Square

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



58.5750, 0.2604, 0.2683



58.5750, 0.3636, 0.3131



58.5750, 0.3654, 0.3926



58.5750, 0.2631, 0.3432

Rectangle

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



58.5750, 0.2604, 0.2683



58.5750, 0.3153, 0.2806



58.5750, 0.3654, 0.3926



58.5750, 0.3066, 0.3853

Sweetspot

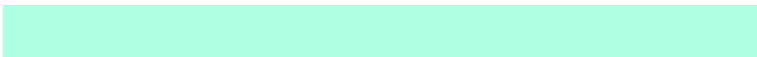
The Sweet Spot groups the original color and five complimentary colors.



58.5773, 0.2604, 0.2683



86.5826, 0.2987, 0.3137



86.1657, 0.2813, 0.3602



18.0933, 0.2964, 0.3111



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.



58.5773, 0.2604, 0.2683



51.6708, 0.2484, 0.2529



48.4568, 0.2649, 0.2382



18.3793, 0.2979, 0.3128



7.4991, 0.1635, 0.1086



0.9225, 0.1697, 0.1309

Inverse Universe

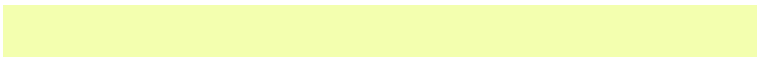
The Inverse Universe completely reimagines the original color for something new.



56.1904, 0.3603, 0.3011



49.5003, 0.3747, 0.2950



93.6505, 0.3521, 0.4098



18.0882, 0.3241, 0.3210



11.4850, 0.5631, 0.2876



1.1377, 0.5314, 0.2701

Previews

White Background



This preview shows how the Yxy color 58.5750, 0.2604, 0.2683 looks on a white background.

Color Contrast Check

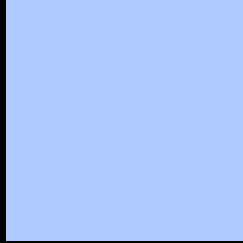
Large Text (above 18pt) WCAG AA × Fail

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 58.5750, 0.2604, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

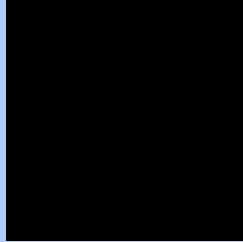
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

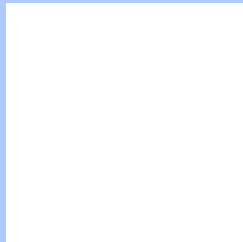
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5750, 0.2604, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 58.5750, 0.2604, 0.2683.



This preview shows how white text looks on a background with the Yxy color 58.5750, 0.2604, 0.2683.

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

58.5750, 0.2604, 0.2683

Protanopia

58.6301, 0.2693, 0.2681

Deuteranopia

58.3590, 0.2706, 0.2643



Tritanopia

58.8184, 0.2744, 0.3094

Trichromacy



Original Color

58.5750, 0.2604, 0.2683

Protanomaly

58.5316, 0.2656, 0.2677

Deuteranomaly

58.5060, 0.2669, 0.2659

Tritanomaly

58.7987, 0.2696, 0.2943

Monochromacy



Original Color

58.5750, 0.2604, 0.2683

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0170, 0.2921, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5750, 0.2604, 0.2683 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(175, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 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(175, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.5750, 0.2604, 0.2683 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(175, 202, 255) }
```

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

```
.border{ border-color:rgb(175, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5750, 0.2604, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 255) }
```

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

```
.background{ background-color: rgb(175,  
202, 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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