

Converting Colors

$Yxy(61.9897, 0.2587, 0.2776)$

Have a look what the booklet for
Yxy(61.9897, 0.2587, 0.2776)
contains.

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Color

Yxy(61.8592, 0.2586, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	AAD2FF
RGB	170, 210, 255
RGB Percent	67%, 82%, 100%
CMY	0.3331, 0.1765, 0.0000
CMYK	0.33, 0.18, 0.00, 0.00
HSL	212°, 100%, 83%
HSV	212°, 33%, 100%
XYZ	57.6877, 61.8592, 103.5299
YIQ	203.1700, -38.2850, 5.5150

Conversions

Conversions Part 2

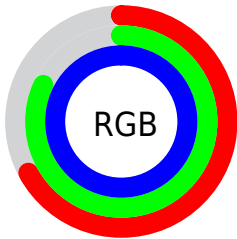
Format	Color
R_{YB}	170, 197, 255
Decimal	11195135
CIE Lab	82.84, -2.69, -26.26
CIE LCh	83, 26.394, 264.145
Yxy	61.8592, 0.2586, 0.2773
Android (android.graphics.Color)	4289385215 (0xFFAAD2FF)
YUV	203.1700, 25.5522, -29.0901
Hunter-Lab	78.6506, -6.7147, -22.9896

Details

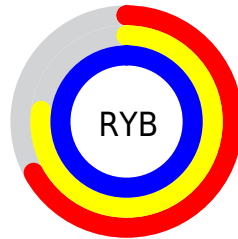
The Yxy color **61.8592, 0.2586, 0.2773** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.8066, 0.3756, 0.3755**, and the grayscale version is **59.6949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **31.4990, 0.2458, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **52.8933, 0.2419, 0.2585**, and if you desaturate by 10%, it is **71.9411, 0.2754, 0.2947**.

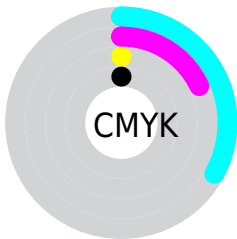
Distribution



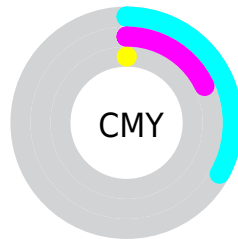
- Red (67%)
- Green (82%)
- Blue (100%)



- Red (67%)
- Yellow (77%)
- Blue (100%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8592, 0.2586, 0.2773 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 61.8592, 0.2586, 0.2773 by changing the saturation by 10% instead.

■ 61.8592, 0.2586,
0.2773

■ 61.8592, 0.2586,
0.2773

431.4173, 0.2839,
0.3016

■ 44.9189, 0.2528,
0.2717

■ 107.5220, 0.2674,
0.2858

■ 31.3936, 0.2457,
0.2647

137.0133, 0.2708,
0.2891

■ 20.8987, 0.2367,
0.2559

171.4572, 0.2737,
0.2919

■ 13.0500, 0.2249,
0.2444

211.2379, 0.2763,
0.2944

■ 7.4630, 0.2091,
0.2287

256.7398, 0.2785,
0.2965

■ 3.7533, 0.1869,
0.2065

308.3475, 0.2805,

■ 1.5365, 0.1541,

0.2984

0.1732

366.4452, 0.2823,
0.3001

0.3142, 0.0705,
0.0951

0.0000, 0.0000,
0.0000

61.8592, 0.2586,
0.2773

61.8592, 0.2586,
0.2773

52.8933, 0.2419,
0.2585

71.9411, 0.2754,
0.2947

44.9958, 0.2258,
0.2385

83.1800, 0.2918,
0.3105

38.1175, 0.2108,
0.2178

95.6167, 0.3076,
0.3247

32.2039, 0.1975,
0.1968

100.0000, 0.3127,
0.3290

■ 27.1933, 0.1864,
0.1762

■ 23.0134, 0.1779,
0.1568

■ 20.6175, 0.1735,
0.1445

Harmonies

Analogous

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



61.8592, 0.2500, 0.2938



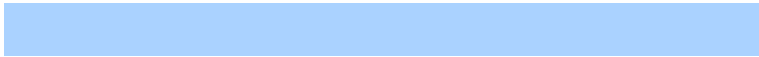
61.8592, 0.2586, 0.2773



61.8592, 0.2812, 0.2745

Triad

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



61.8592, 0.2586, 0.2773



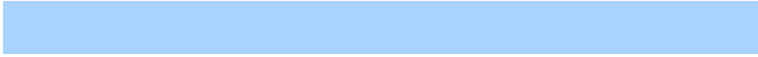
61.8592, 0.3717, 0.3316



61.8592, 0.3093, 0.3798

Complementary

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



61.8592, 0.2586, 0.2773



72.8066, 0.3756, 0.3755

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.



61.8592, 0.3425, 0.3892



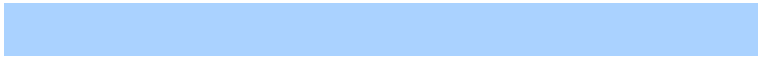
61.8592, 0.2586, 0.2773



61.8592, 0.3797, 0.3590

Square

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



61.8592, 0.2586, 0.2773



61.8592, 0.3469, 0.3050



61.8592, 0.3686, 0.3806



61.8592, 0.2782, 0.3542

Rectangle

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



61.8592, 0.2586, 0.2773



61.8592, 0.3020, 0.2799



61.8592, 0.3686, 0.3806



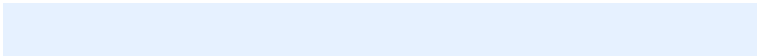
61.8592, 0.3206, 0.3850

Sweetspot

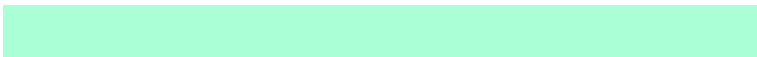
The Sweet Spot groups the original color and five complimentary colors.



61.8598, 0.2586, 0.2773



87.1587, 0.2971, 0.3154



84.9259, 0.2853, 0.3758



18.2902, 0.2949, 0.3133



0.0000, 0.0000, 0.0000



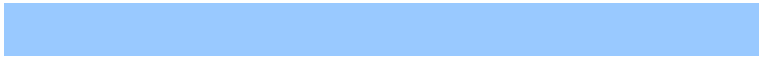
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8598, 0.2586, 0.2773



55.7381, 0.2474, 0.2649



44.7066, 0.2534, 0.2296



18.7856, 0.2979, 0.3161



11.0663, 0.1743, 0.1475



1.2940, 0.1802, 0.1688

Inverse Universe

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



54.6868, 0.3541, 0.2879



48.2567, 0.3659, 0.2795



95.4173, 0.3622, 0.4127



18.1292, 0.3220, 0.3179



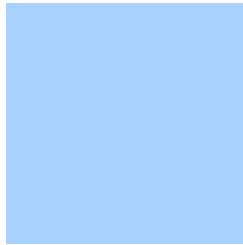
11.8451, 0.5092, 0.2579



1.1752, 0.4821, 0.2430

Previews

White Background



This preview shows how the Yxy color 61.8592, 0.2586, 0.2773 looks on a white background.

Color Contrast Check

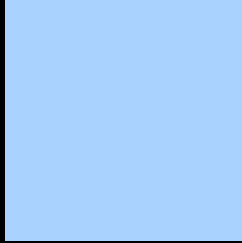
Large Text (above 18pt) WCAG AA × Fail

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 61.8592, 0.2586, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

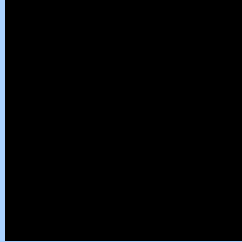
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

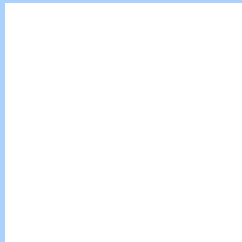
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8592, 0.2586, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 61.8592, 0.2586, 0.2773.



This preview shows how white text looks on a background with the Yxy color 61.8592, 0.2586, 0.2773.

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

61.8592, 0.2586, 0.2773

Protanopia

61.7529, 0.2756, 0.2767

Deuteranopia

61.7404, 0.2764, 0.2709



Tritanopia

61.8620, 0.2692, 0.3085

Trichromacy



Original Color

61.8592, 0.2586, 0.2773

Protanomaly

61.6100, 0.2694, 0.2771

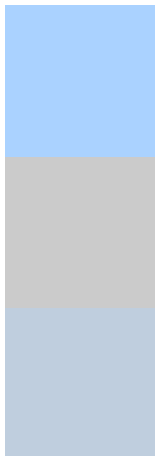
Deuteranomaly

61.7015, 0.2695, 0.2732

Tritanomaly

62.0953, 0.2653, 0.2970

Monochromacy



Original Color

61.8592, 0.2586, 0.2773

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4929, 0.2909, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8592, 0.2586, 0.2773 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(170, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 210, 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(170, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.8592, 0.2586, 0.2773 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(170, 210, 255) }
```

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

```
.border{ border-color:rgb(170, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8592, 0.2586, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 210, 255) }
```

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

```
.background{ background-color: rgb(170,  
210, 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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