

Converting Colors

Yxy(61.8612, 0.2461, 0.2500)

Have a look what the booklet for
Yxy(61.8612, 0.2461, 0.2500)
contains.

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Color

Yxy(60.3917, 0.2581, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	AACFFF
RGB	170, 207, 255
RGB Percent	67%, 81%, 100%
CMY	0.3335, 0.1882, 0.0001
CMYK	0.33, 0.19, 0.00, 0.00
HSL	214°, 100%, 83%
HSV	214°, 33%, 100%
XYZ	56.9288, 60.3917, 103.2482
YIQ	201.4090, -37.4600, 7.0840

Conversions

Conversions Part 2

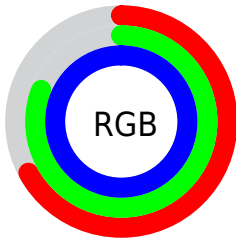
Format	Color
R _Y B	170, 196, 255
Decimal	11194367
CIE Lab	82.05, -1.16, -27.44
CIE LCh	82, 27.460, 267.577
Yxy	60.3917, 0.2581, 0.2738
Android (android.graphics.Color)	4289384447 (0xFFAACFFF)
YUV	201.4090, 26.4204, -27.5457
Hunter-Lab	77.7121, -5.2342, -24.3741

Details

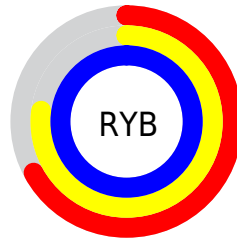
The Yxy color **60.3917, 0.2581, 0.2738** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.2528, 0.3747, 0.3784**, and the grayscale version is **58.5210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **30.5045, 0.2450, 0.2608** is the 20% darker color. If you saturate the color by 10%, you get **51.1685, 0.2410, 0.2537**, and if you desaturate by 10%, it is **70.8054, 0.2751, 0.2924**.

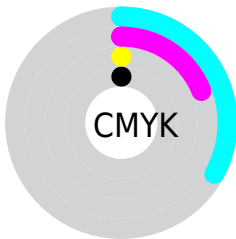
Distribution



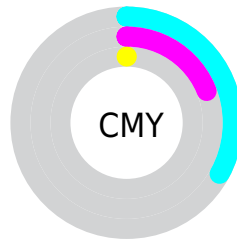
- Red (67%)
- Green (81%)
- Blue (100%)



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



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3917, 0.2581, 0.2738 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 60.3917, 0.2581, 0.2738 by changing the saturation by 10% instead.

■ 60.3917, 0.2581,
0.2738

■ 60.3917, 0.2581,
0.2738

426.0401, 0.2837,
0.2998

■ 43.7344, 0.2522,
0.2678

■ 105.3977, 0.2670,
0.2829

■ 30.4618, 0.2449,
0.2604

134.5152, 0.2705,
0.2864

■ 20.1894, 0.2357,
0.2510

168.5548, 0.2735,
0.2894

■ 12.5328, 0.2237,
0.2387

207.9011, 0.2761,
0.2920

■ 7.1076, 0.2075,
0.2221

252.9384, 0.2783,
0.2943

■ 3.5295, 0.1847,
0.1986

304.0510, 0.2803,

■ 1.4140, 0.1510,

0.2964

0.1635

361.6235, 0.2821,
0.2982

0.2270, 0.0596,
0.0721

0.0000, 0.0000,
0.0000

60.3917, 0.2581,
0.2738

60.3917, 0.2581,
0.2738

51.1685, 0.2410,
0.2537

70.8054, 0.2751,
0.2924

43.0800, 0.2245,
0.2323

82.4482, 0.2917,
0.3092

36.0755, 0.2090,
0.2102

95.3653, 0.3076,
0.3243

30.0971, 0.1952,
0.1880

99.9989, 0.3127,
0.3290

■ 25.0796, 0.1837,
0.1664

■ 20.9465, 0.1750,
0.1461

■ 18.6237, 0.1705,
0.1337

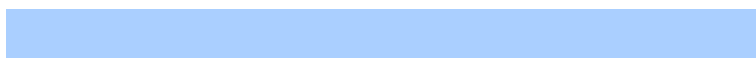
Harmonies

Analogous

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



60.3917, 0.2473, 0.2894



60.3917, 0.2581, 0.2738



60.3917, 0.2831, 0.2726

Triad

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



60.3917, 0.2581, 0.2738



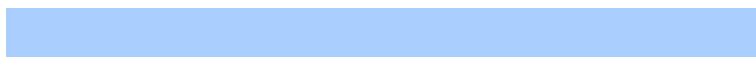
60.3917, 0.3766, 0.3349



60.3917, 0.3050, 0.3801

Complementary

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



60.3917, 0.2581, 0.2738



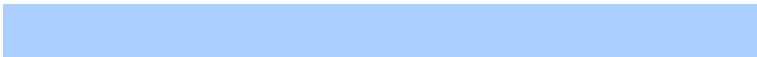
74.2528, 0.3747, 0.3784

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.



60.3917, 0.3401, 0.3921



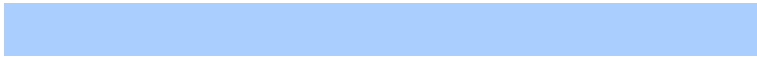
60.3917, 0.2581, 0.2738



60.3917, 0.3826, 0.3633

Square

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



60.3917, 0.2581, 0.2738



60.3917, 0.3522, 0.3068



60.3917, 0.3688, 0.3849



60.3917, 0.2733, 0.3517

Rectangle

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



60.3917, 0.2581, 0.2738



60.3917, 0.3054, 0.2792



60.3917, 0.3688, 0.3849



60.3917, 0.3168, 0.3863

Sweetspot

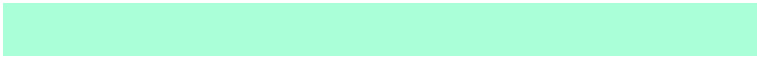
The Sweet Spot groups the original color and five complimentary colors.



60.3941, 0.2581, 0.2738



86.6446, 0.2971, 0.3145



85.0439, 0.2839, 0.3725



18.1661, 0.2949, 0.3123



0.0000, 0.0000, 0.0000



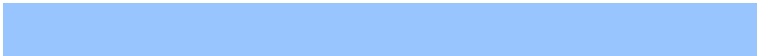
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3941, 0.2581, 0.2738



54.1381, 0.2467, 0.2606



44.9697, 0.2553, 0.2300



18.6806, 0.2979, 0.3152



10.0173, 0.1713, 0.1367



1.1881, 0.1774, 0.1586

Inverse Universe

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



54.4920, 0.3568, 0.2908



48.0952, 0.3693, 0.2830



94.8683, 0.3603, 0.4133



18.1186, 0.3225, 0.3187



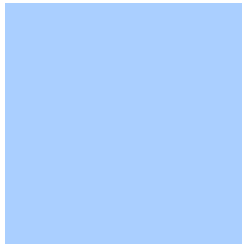
11.7392, 0.5235, 0.2658



1.1645, 0.4948, 0.2500

Previews

White Background



This preview shows how the Yxy color 60.3917, 0.2581, 0.2738 looks on a white background.

Color Contrast Check

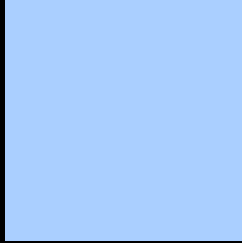
Large Text (above 18pt) WCAG AA × Fail

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 60.3917, 0.2581, 0.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

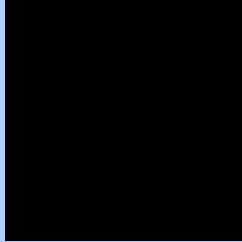
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

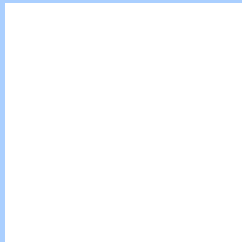
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3917, 0.2581, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 60.3917, 0.2581, 0.2738.



This preview shows how white text looks on a background with the Yxy color 60.3917, 0.2581, 0.2738.

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

60.3917, 0.2581, 0.2738

Protanopia

60.4126, 0.2734, 0.2741

Deuteranopia

60.2643, 0.2735, 0.2682



Tritanopia

60.6366, 0.2695, 0.3083

Trichromacy



Original Color

60.3917, 0.2581, 0.2738

Protanomaly

60.4044, 0.2679, 0.2746

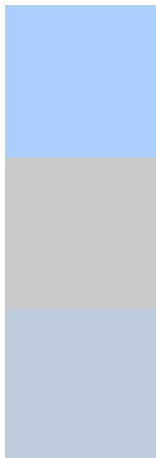
Deuteranomaly

60.4967, 0.2680, 0.2706

Tritanomaly

60.3732, 0.2654, 0.2956

Monochromacy



Original Color

60.3917, 0.2581, 0.2738

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8795, 0.2908, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3917, 0.2581, 0.2738 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, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 207, 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, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.3917, 0.2581, 0.2738 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, 207, 255) }
```

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

```
.border{ border-color:rgb(170, 207, 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, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3917, 0.2581, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 207, 255) }
```

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

```
.background{ background-color: rgb(170,  
207, 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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