

Converting Colors

$Yxy(60.2982, 0.2591, 0.2786)$

Have a look what the booklet for
Yxy(60.2982, 0.2591, 0.2786)
contains.

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Color

Yxy(60.4016, 0.2592, 0.2790)

Conversions

Conversions Part 1

Format	Color
Hex	A8D0FB
RGB	168, 208, 251
RGB Percent	66%, 82%, 98%
CMY	0.3412, 0.1843, 0.0156
CMYK	0.33, 0.17, 0.00, 0.02
HSL	211°, 91%, 82%
HSV	211°, 33%, 98%
XYZ	56.1150, 60.4016, 99.9766
YIQ	200.9420, -37.6430, 4.8930

Conversions

Conversions Part 2

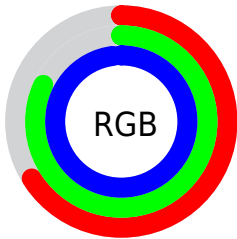
Format	Color
R _Y B	168, 195, 251
Decimal	11063547
CIE Lab	82.06, -3.20, -25.33
CIE LCh	82, 25.530, 262.795
Yxy	60.4016, 0.2592, 0.2790
Android (android.graphics.Color)	4289253627 (0xFFA8D0FB)
YUV	200.9420, 24.6786, -28.8901
Hunter-Lab	77.7185, -7.1250, -21.8674

Details

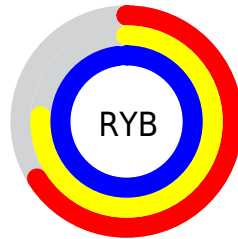
The Yxy color **60.4016, 0.2592, 0.2790** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.9207, 0.3753, 0.3741**, and the grayscale version is **58.2323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **30.5170, 0.2464, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **51.8277, 0.2426, 0.2607**, and if you desaturate by 10%, it is **70.0316, 0.2759, 0.2959**.

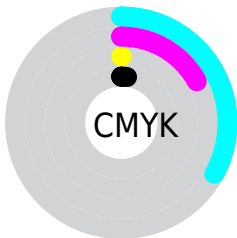
Distribution



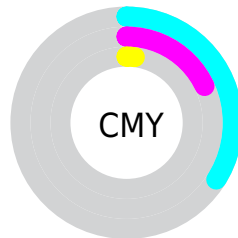
- Red (66%)
- Green (82%)
- Blue (98%)



- Red (66%)
- Yellow (76%)
- Blue (98%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4016, 0.2592, 0.2790 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 60.4016, 0.2592, 0.2790 by changing the saturation by 10% instead.

■ 60.4016, 0.2592,
0.2790

■ 60.4016, 0.2592,
0.2790

■ 426.0765, 0.2843,
0.3027

■ 43.7424, 0.2534,
0.2735

■ 105.4120, 0.2680,
0.2873

■ 30.4681, 0.2463,
0.2667

■ 134.5320, 0.2713,
0.2905

■ 20.1941, 0.2372,
0.2579

■ 168.5745, 0.2743,
0.2933

■ 12.5362, 0.2254,
0.2465

■ 207.9237, 0.2768,
0.2956

■ 7.1100, 0.2094,
0.2309

■ 252.9641, 0.2790,
0.2977

■ 3.5310, 0.1868,
0.2085

■ 304.0801, 0.2810,

■ 1.4148, 0.1531,

0.2996

0.1746

361.6561, 0.2827,
0.3012

0.2276, 0.0491,
0.0808

0.0000, 0.0000,
0.0000

60.4016, 0.2592,
0.2790

60.4016, 0.2592,
0.2790

51.8277, 0.2426,
0.2607

70.0316, 0.2759,
0.2959

44.2598, 0.2267,
0.2412

80.7509, 0.2922,
0.3113

37.6534, 0.2118,
0.2210

92.5997, 0.3080,
0.3251

31.9573, 0.1986,
0.2005

99.7458, 0.3150,
0.3328

■ 27.1133, 0.1876,
0.1803

■ 23.0536, 0.1792,
0.1611

■ 20.6404, 0.1746,
0.1486

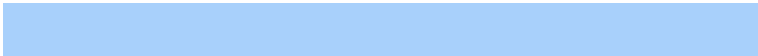
Harmonies

Analogous

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



60.4016, 0.2514, 0.2958



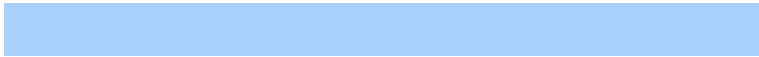
60.4016, 0.2592, 0.2790



60.4016, 0.2808, 0.2756

Triad

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



60.4016, 0.2592, 0.2790



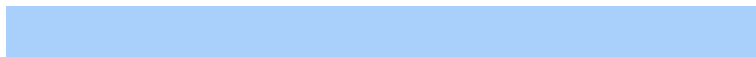
60.4016, 0.3694, 0.3304



60.4016, 0.3109, 0.3793

Complementary

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



60.4016, 0.2592, 0.2790



69.9207, 0.3753, 0.3741

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.



60.4016, 0.3432, 0.3876



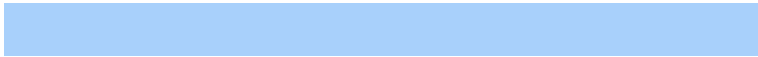
60.4016, 0.2592, 0.2790



60.4016, 0.3781, 0.3572

Square

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



60.4016, 0.2592, 0.2790



60.4016, 0.3447, 0.3045



60.4016, 0.3681, 0.3786



60.4016, 0.2802, 0.3549

Rectangle

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



60.4016, 0.2592, 0.2790



60.4016, 0.3008, 0.2805



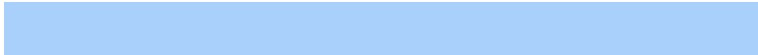
60.4016, 0.3681, 0.3786



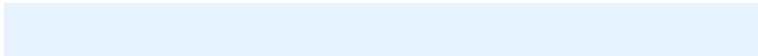
60.4016, 0.3219, 0.3841

Sweetspot

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



60.4040, 0.2592, 0.2790



87.3410, 0.2971, 0.3157



82.0219, 0.2855, 0.3754



18.3343, 0.2949, 0.3137



0.0000, 0.0000, 0.0000



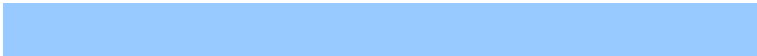
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4040, 0.2592, 0.2790



56.3126, 0.2476, 0.2664



43.4407, 0.2540, 0.2305



18.0238, 0.2980, 0.3164



11.1368, 0.1755, 0.1516



1.2426, 0.1816, 0.1736

Inverse Universe

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



53.0650, 0.3528, 0.2873



48.3147, 0.3647, 0.2783



92.0836, 0.3618, 0.4120



17.3646, 0.3218, 0.3176



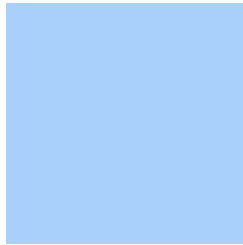
11.5352, 0.5039, 0.2549



1.0897, 0.4762, 0.2397

Previews

White Background



This preview shows how the Yxy color 60.4016, 0.2592, 0.2790 looks on a white background.

Color Contrast Check

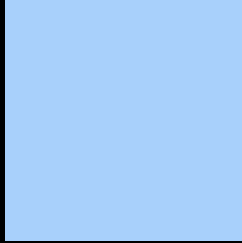
Large Text (above 18pt) WCAG AA × Fail

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 60.4016, 0.2592, 0.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

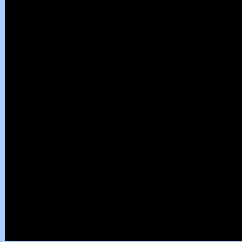
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

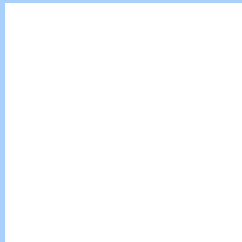
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4016, 0.2592, 0.2790

Background



This preview shows how black text looks on a background with the Yxy color 60.4016, 0.2592, 0.2790.

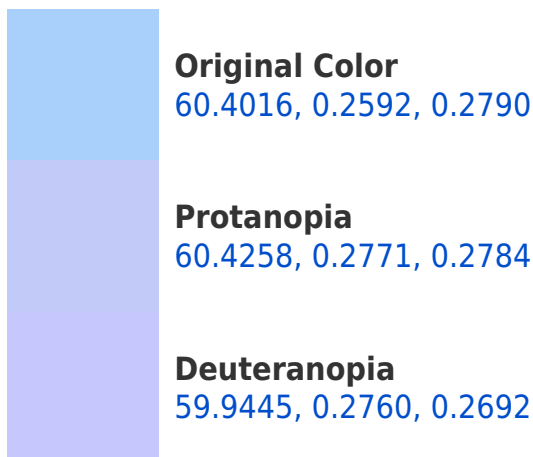


This preview shows how white text looks on a background with the Yxy color 60.4016, 0.2592, 0.2790.

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





Tritanopia

60.5306, 0.2689, 0.3083

Trichromacy



Original Color

60.4016, 0.2592, 0.2790

Protanomaly

60.2773, 0.2708, 0.2788

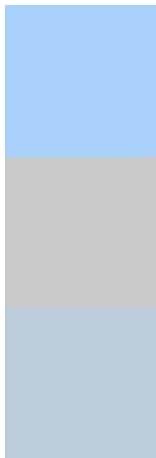
Deuteranomaly

59.8341, 0.2696, 0.2725

Tritanomaly

60.7023, 0.2655, 0.2979

Monochromacy



Original Color

60.4016, 0.2592, 0.2790

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1190, 0.2914, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4016, 0.2592, 0.2790 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(168, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(168, 208, 251)  
}
```

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(168, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 208, 251) }
```

Border

The CSS property to change the border of an element to Yxy 60.4016, 0.2592, 0.2790 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(168, 208, 251) }
```

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

```
.border{ border-color:rgb(168, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(168, 208,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4016, 0.2592, 0.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 208, 251) }
```

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

```
.background{ background-color: rgb(168,  
208, 251) }
```

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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