

Converting Colors

$Yxy(66.4703, 0.2658, 0.2968)$

Have a look what the booklet for
Yxy(66.4703, 0.2658, 0.2968)
contains.

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Color

Yxy(66.2627, 0.2658, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	ADDBF7
RGB	173, 219, 247
RGB Percent	68%, 86%, 97%
CMY	0.3218, 0.1411, 0.0314
CMYK	0.30, 0.11, 0.00, 0.03
HSL	203°, 82%, 82%
HSV	203°, 30%, 97%
XYZ	59.3417, 66.2627, 97.6526
YIQ	208.4380, -36.4040, -1.0440

Conversions

Conversions Part 2

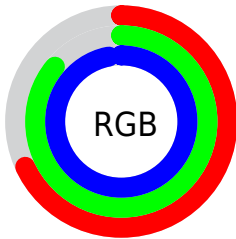
Format	Color
RYB	173, 201, 247
Decimal	11394039
CIELab	85.13, -8.56, -18.51
CIELCh	85, 20.395, 245.176
Yxy	66.2627, 0.2658, 0.2968
Android (android.graphics.Color)	4289584119 (0xFFADDBF7)
YUV	208.4380, 19.0111, -31.0791
Hunter-Lab	81.4019, -12.3274, -14.1451

Details

The Yxy color **66.2627, 0.2658, 0.2968** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.5197, 0.3715, 0.3590**, and the grayscale version is **63.2612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **34.2344, 0.2549, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **58.9732, 0.2505, 0.2840**, and if you desaturate by 10%, it is **74.3508, 0.2815, 0.3086**.

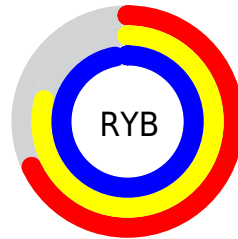
Distribution



Red (68%)

Green (86%)

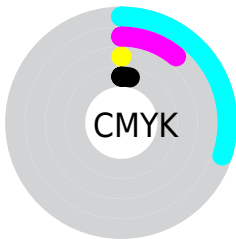
Blue (97%)



Red (68%)

Yellow (79%)

Blue (97%)

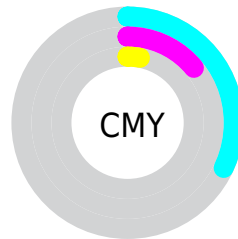


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (14%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2627, 0.2658, 0.2968 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 66.2627, 0.2658, 0.2968 by changing the saturation by 10% instead.

■ 66.2627, 0.2658,
0.2968

■ 66.2627, 0.2658,
0.2968

447.3158, 0.2875,
0.3121

■ 48.4857, 0.2609,
0.2932

■ 113.8633, 0.2733,
0.3022

■ 34.2117, 0.2548,
0.2888

144.4557, 0.2762,
0.3043

■ 23.0563, 0.2471,
0.2830

180.0886, 0.2788,
0.3060

■ 14.6351, 0.2371,
0.2755

221.1465, 0.2810,
0.3076

■ 8.5637, 0.2237,
0.2651

268.0138, 0.2829,
0.3089

■ 4.4577, 0.2047,
0.2498

321.0749, 0.2846,

■ 1.9327, 0.1761,

0.3101

0.2258

380.7141, 0.2861,
0.3112

0.5679, 0.1048,
0.1800

0.0000, 0.0000,
0.0000

66.2627, 0.2658,
0.2968

66.2627, 0.2658,
0.2968

58.9732, 0.2505,
0.2840

74.3508, 0.2815,
0.3086

52.4411, 0.2360,
0.2704

83.2603, 0.2972,
0.3193

46.6331, 0.2228,
0.2562

93.0230, 0.3127,
0.3290

41.5094, 0.2111,
0.2415

99.4951, 0.3173,
0.3367

■ 37.0250, 0.2014,
0.2267

■ 33.1269, 0.1939,
0.2121

■ 29.7308, 0.1883,
0.1979

■ 29.7256, 0.1883,
0.1978

Harmonies

Analogous

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



66.2627, 0.2668, 0.3155



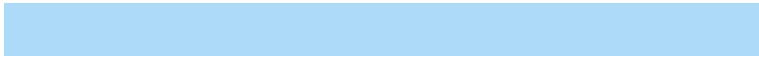
66.2627, 0.2658, 0.2968



66.2627, 0.2768, 0.2875

Triad

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



66.2627, 0.2658, 0.2968



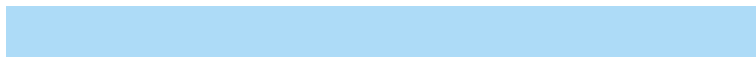
66.2627, 0.3465, 0.3180



66.2627, 0.3266, 0.3730

Complementary

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



66.2627, 0.2658, 0.2968



64.5197, 0.3715, 0.3590

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.



66.2627, 0.3490, 0.3718



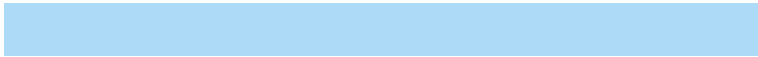
66.2627, 0.2658, 0.2968



66.2627, 0.3610, 0.3393

Square

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



66.2627, 0.2658, 0.2968



66.2627, 0.3230, 0.2999



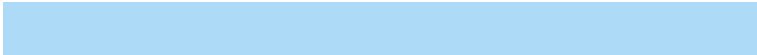
66.2627, 0.3618, 0.3590



66.2627, 0.3012, 0.3609

Rectangle

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



66.2627, 0.2658, 0.2968



66.2627, 0.2897, 0.2873



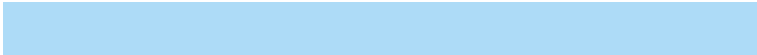
66.2627, 0.3618, 0.3590



66.2627, 0.3347, 0.3741

Sweetspot

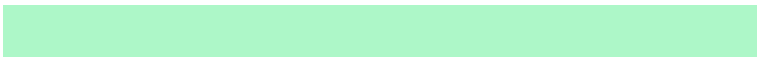
The Sweet Spot groups the original color and five complimentary colors.



66.2653, 0.2658, 0.2968



90.4972, 0.2987, 0.3203



79.5696, 0.2938, 0.3838



19.0564, 0.2965, 0.3188



0.0000, 0.0000, 0.0000



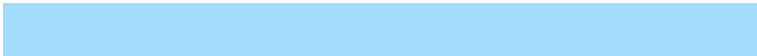
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2653, 0.2658, 0.2968



66.3840, 0.2564, 0.2892



49.3809, 0.2609, 0.2531



17.6446, 0.2980, 0.3198



16.0040, 0.1890, 0.2002



1.6041, 0.1939, 0.2181

Inverse Universe

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



54.7513, 0.3389, 0.2809



52.7099, 0.3460, 0.2709



83.4259, 0.3608, 0.3950



16.6560, 0.3196, 0.3144



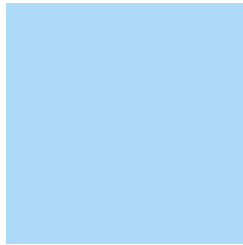
11.7150, 0.4451, 0.2225



1.0496, 0.4253, 0.2116

Previews

White Background



This preview shows how the Yxy color 66.2627, 0.2658, 0.2968 looks on a white background.

Color Contrast Check

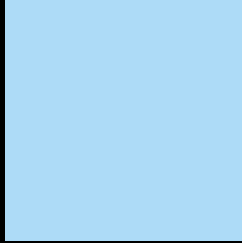
Large Text (above 18pt) WCAG AA × Fail

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 66.2627, 0.2658, 0.2968 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 66.2627, 0.2658, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 66.2627, 0.2658, 0.2968.

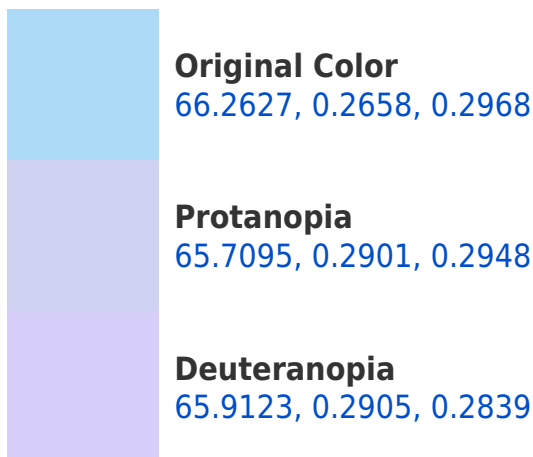


This preview shows how white text looks on a background with the Yxy color 66.2627, 0.2658, 0.2968.

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

66.0174, 0.2697, 0.3079

Trichromacy



Original Color

66.2627, 0.2658, 0.2968

Protanomaly

65.6617, 0.2810, 0.2954

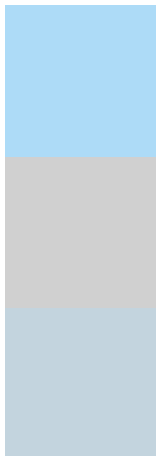
Deuteranomaly

65.6452, 0.2812, 0.2882

Tritanomaly

66.3079, 0.2686, 0.3045

Monochromacy



Original Color

66.2627, 0.2658, 0.2968

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9630, 0.2939, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2627, 0.2658, 0.2968 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(173, 219, 247)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 247)  
}
```

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(173, 219, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 247) }
```

Border

The CSS property to change the border of an element to Yxy 66.2627, 0.2658, 0.2968 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(173, 219, 247) }
```

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

```
.border{ border-color:rgb(173, 219, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 219, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 247);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2627, 0.2658, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 247) }
```

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

```
.background{ background-color: rgb(173,  
219, 247) }
```

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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