

Converting Colors

$Yxy(66.9938, 0.2646, 0.2972)$

Have a look what the booklet for
Yxy(66.9938, 0.2646, 0.2972)
contains.

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Color

Yxy(67.2609, 0.2650, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	ACDDF8
RGB	172, 221, 248
RGB Percent	67%, 87%, 97%
CMY	0.3255, 0.1333, 0.0275
CMYK	0.31, 0.11, 0.00, 0.03
HSL	201°, 84%, 82%
HSV	201°, 31%, 97%
XYZ	59.8125, 67.2609, 98.6343
YIQ	209.4270, -37.8710, -1.9910

Conversions

Conversions Part 2

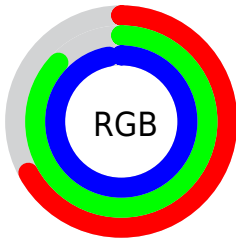
Format	Color
R _{YB}	172, 202, 248
Decimal	11329016
CIE Lab	85.64, -9.61, -18.28
CIE LCh	86, 20.657, 242.265
Yxy	67.2609, 0.2650, 0.2980
Android (android.graphics.Color)	4289519096 (0xFFACDDF8)
YUV	209.4270, 19.0165, -32.8235
Hunter-Lab	82.0127, -13.3408, -13.8974

Details

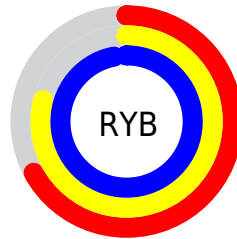
The Yxy color **67.2609, 0.2650, 0.2980** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.7800, 0.3736, 0.3579**, and the grayscale version is **63.9475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **34.8601, 0.2533, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **60.1840, 0.2500, 0.2860**, and if you desaturate by 10%, it is **75.1108, 0.2805, 0.3091**.

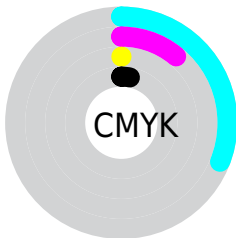
Distribution



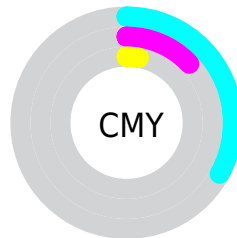
- Red (67%)
- Green (87%)
- Blue (97%)



- Red (67%)
- Yellow (79%)
- Blue (97%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (33%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2609, 0.2650, 0.2980 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 67.2609, 0.2650, 0.2980 by changing the saturation by 10% instead.

■ 67.2609, 0.2650,
0.2980

■ 67.2609, 0.2650,
0.2980

450.8729, 0.2870,
0.3128

■ 49.2967, 0.2600,
0.2945

■ 115.2942, 0.2726,
0.3032

■ 34.8549, 0.2539,
0.2902

146.1320, 0.2756,
0.3052

■ 23.5511, 0.2461,
0.2847

182.0299, 0.2781,
0.3069

■ 15.0010, 0.2361,
0.2775

223.3721, 0.2804,
0.3084

■ 8.8201, 0.2226,
0.2674

270.5431, 0.2823,
0.3097

■ 4.6240, 0.2037,
0.2528

323.9273, 0.2841,

■ 2.0284, 0.1753,

0.3108

0.2296

383.9091, 0.2856,
0.3118

0.6239, 0.1079,
0.1879

0.0000, 0.0000,
0.0000

67.2609, 0.2650,
0.2980

67.2609, 0.2650,
0.2980

60.1840, 0.2500,
0.2860

75.1108, 0.2805,
0.3091

53.8391, 0.2358,
0.2732

83.7563, 0.2962,
0.3193

48.1932, 0.2230,
0.2598

93.2285, 0.3117,
0.3284

43.2066, 0.2118,
0.2461

99.5572, 0.3168,
0.3357

■ 38.8342, 0.2026,
0.2322

■ 35.0230, 0.1955,
0.2185

■ 31.8873, 0.1906,
0.2060

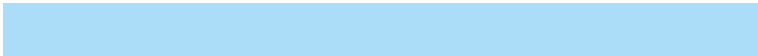
Harmonies

Analogous

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



67.2609, 0.2672, 0.3176



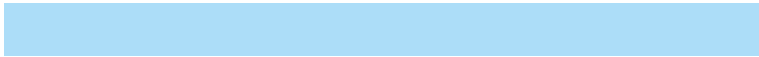
67.2609, 0.2650, 0.2980



67.2609, 0.2749, 0.2876

Triad

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



67.2609, 0.2650, 0.2980



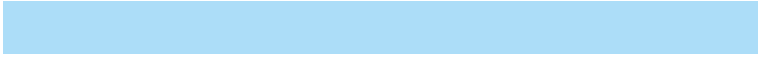
67.2609, 0.3448, 0.3160



67.2609, 0.3291, 0.3738

Complementary

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



67.2609, 0.2650, 0.2980



63.7800, 0.3736, 0.3579

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.



67.2609, 0.3510, 0.3714



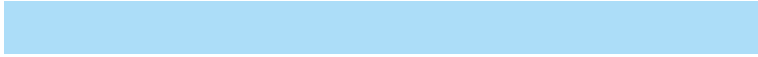
67.2609, 0.2650, 0.2980



67.2609, 0.3605, 0.3373

Square

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



67.2609, 0.2650, 0.2980



67.2609, 0.3205, 0.2983



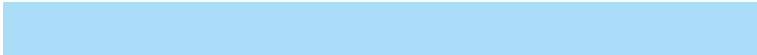
67.2609, 0.3627, 0.3576



67.2609, 0.3035, 0.3629

Rectangle

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



67.2609, 0.2650, 0.2980



67.2609, 0.2874, 0.2867



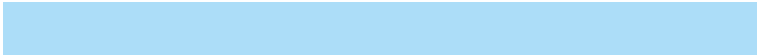
67.2609, 0.3627, 0.3576



67.2609, 0.3372, 0.3745

Sweetspot

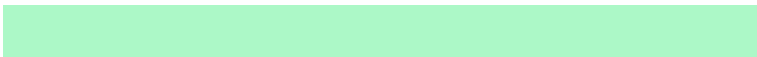
The Sweet Spot groups the original color and five complimentary colors.



67.2636, 0.2650, 0.2980



90.8129, 0.2987, 0.3208



80.0096, 0.2941, 0.3867



19.1344, 0.2965, 0.3194



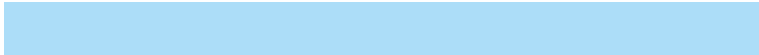
0.0000, 0.0000, 0.0000



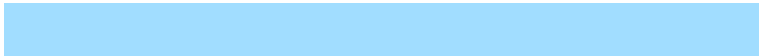
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2636, 0.2650, 0.2980



66.7312, 0.2553, 0.2904



49.5815, 0.2597, 0.2527



18.5104, 0.2980, 0.3204



17.5002, 0.1912, 0.2081



1.8206, 0.1956, 0.2242

Inverse Universe

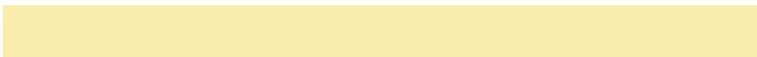
The Inverse Universe completely reimagines the original color for something new.



54.6831, 0.3382, 0.2781



51.8740, 0.3453, 0.2672



83.2710, 0.3623, 0.3953



17.4137, 0.3193, 0.3138



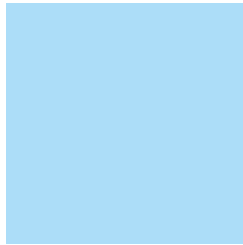
12.1776, 0.4362, 0.2176



1.1480, 0.4187, 0.2080

Previews

White Background



This preview shows how the Yxy color 67.2609, 0.2650, 0.2980 looks on a white background.

Color Contrast Check

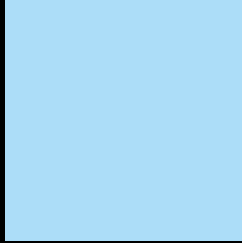
Large Text (above 18pt) WCAG AA × Fail

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 67.2609, 0.2650, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

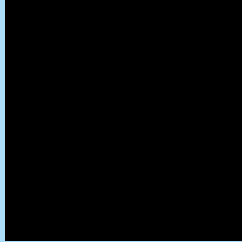
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2609, 0.2650, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 67.2609, 0.2650, 0.2980.



This preview shows how white text looks on a background with the Yxy color 67.2609, 0.2650, 0.2980.

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

67.2609, 0.2650, 0.2980

Protanopia

67.0531, 0.2909, 0.2962

Deuteranopia

66.6757, 0.2900, 0.2831



Tritanopia

67.0799, 0.2682, 0.3080

Trichromacy



Original Color

67.2609, 0.2650, 0.2980

Protanomaly

66.8683, 0.2812, 0.2966

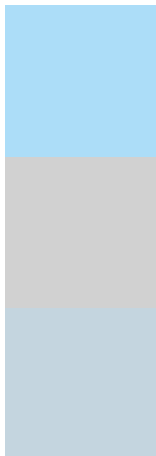
Deuteranomaly

66.7700, 0.2802, 0.2884

Tritanomaly

67.3715, 0.2672, 0.3046

Monochromacy



Original Color

67.2609, 0.2650, 0.2980

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6520, 0.2940, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2609, 0.2650, 0.2980 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(172, 221, 248)` looks like.

```
.text, #text, p{  
    color:rgb(172, 221, 248)  
}
```

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(172, 221, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 221, 248) }
```

Border

The CSS property to change the border of an element to Yxy 67.2609, 0.2650, 0.2980 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(172, 221, 248) }
```

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

```
.border{ border-color:rgb(172, 221, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 221, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 221, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 221, 248); box-shadow:4px 4px 4px 4px rgb(172, 221, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2609, 0.2650, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 221, 248) }
```

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

```
.background{ background-color: rgb(172,  
221, 248) }
```

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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