

Converting Colors

$Yxy(59.7068, 0.2678, 0.2930)$

Have a look what the booklet for
Yxy(59.7068, 0.2678, 0.2930)
contains.

Yxy(59.8308, 0.2675, 0.2933)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.8308, 0.2675, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	AAD0EE
RGB	170, 208, 238
RGB Percent	67%, 82%, 93%
CMY	0.3334, 0.1843, 0.0665
CMYK	0.29, 0.13, 0.00, 0.07
HSL	206°, 67%, 80%
HSV	206°, 29%, 93%
XYZ	54.5678, 59.8308, 89.5932
YIQ	200.0580, -32.2780, 1.2740

Conversions

Conversions Part 2

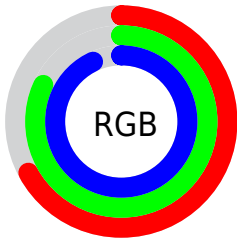
Format	Color
RYB	170, 194, 238
Decimal	11194606
CIELab	81.75, -5.76, -18.89
CIElCh	82, 19.744, 253.046
Yxy	59.8308, 0.2675, 0.2933
Android (android.graphics.Color)	4289384686 (0xFFAAD0EE)
YUV	200.0580, 18.7054, -26.3609
Hunter-Lab	77.3504, -9.4380, -14.5290

Details

The Yxy color **59.8308, 0.2675, 0.2933** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.4055, 0.3667, 0.3621**, and the grayscale version is **57.6945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **30.2016, 0.2565, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **52.4615, 0.2516, 0.2784**, and if you desaturate by 10%, it is **68.0246, 0.2836, 0.3070**.

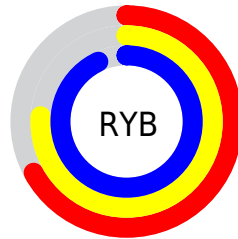
Distribution



Red (67%)

Green (82%)

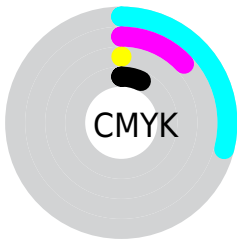
Blue (93%)



Red (67%)

Yellow (76%)

Blue (93%)

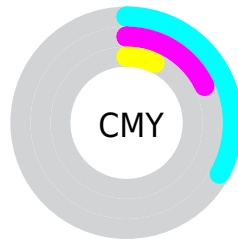


Cyan (29%)

Magenta (13%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8308, 0.2675, 0.2933 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 59.8308, 0.2675, 0.2933 by changing the saturation by 10% instead.

■ 59.8308, 0.2675,
0.2933

■ 59.8308, 0.2675,
0.2933

423.9738, 0.2888,
0.3105

■ 43.2823, 0.2625,
0.2892

■ 104.5842, 0.2750,
0.2994

■ 30.1067, 0.2564,
0.2842

133.5578, 0.2779,
0.3017

■ 19.9196, 0.2485,
0.2776

167.4420, 0.2803,
0.3037

■ 12.3366, 0.2382,
0.2689

206.6210, 0.2825,
0.3054

■ 6.9733, 0.2240,
0.2567

251.4793, 0.2844,
0.3069

■ 3.4454, 0.2035,
0.2386

302.4013, 0.2860,

■ 1.3685, 0.1717,

0.3082

0.2095

359.7713, 0.2875,
0.3094

0.1933, 0.0229,
0.1025

0.0000, 0.0000,
0.0000

59.8308, 0.2675,
0.2933

59.8308, 0.2675,
0.2933

52.4615, 0.2516,
0.2784

68.0246, 0.2836,
0.3070

45.8771, 0.2362,
0.2625

77.0660, 0.2994,
0.3194

40.0448, 0.2219,
0.2458

86.9859, 0.3149,
0.3305

34.9261, 0.2090,
0.2285

95.8252, 0.3230,
0.3406

■ 30.4780, 0.1981,
0.2111

■ 98.9556, 0.3226,
0.3453

■ 26.6505, 0.1894,
0.1940

■ 23.3741, 0.1829,
0.1776

■ 22.9443, 0.1820,
0.1753

Harmonies

Analogous

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



59.8308, 0.2652, 0.3098



59.8308, 0.2675, 0.2933



59.8308, 0.2813, 0.2868

Triad

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



59.8308, 0.2675, 0.2933



59.8308, 0.3515, 0.3235



59.8308, 0.3200, 0.3711

Complementary

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



59.8308, 0.2675, 0.2933



62.4055, 0.3667, 0.3621

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.



59.8308, 0.3438, 0.3735



59.8308, 0.2675, 0.2933



59.8308, 0.3627, 0.3449

Square

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



59.8308, 0.2675, 0.2933



59.8308, 0.3297, 0.3041



59.8308, 0.3597, 0.3633



59.8308, 0.2948, 0.3560

Rectangle

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



59.8308, 0.2675, 0.2933



59.8308, 0.2957, 0.2884



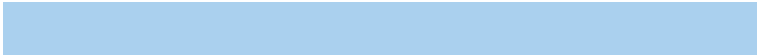
59.8308, 0.3597, 0.3633



59.8308, 0.3284, 0.3734

Sweetspot

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



59.8332, 0.2675, 0.2933



89.6106, 0.2987, 0.3188



73.8638, 0.2921, 0.3751



18.8378, 0.2964, 0.3171



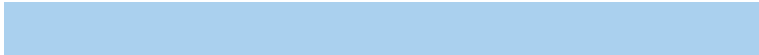
0.0000, 0.0000, 0.0000



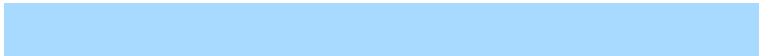
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8332, 0.2675, 0.2933



65.0659, 0.2587, 0.2852



45.1937, 0.2631, 0.2516



16.6935, 0.2980, 0.3183



13.0579, 0.1828, 0.1779



1.2843, 0.1888, 0.1995

Inverse Universe

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



51.4822, 0.3411, 0.2878



54.3720, 0.3484, 0.2795



79.6506, 0.3571, 0.3961



15.9067, 0.3206, 0.3159



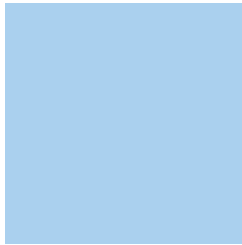
11.1116, 0.4711, 0.2369



0.9444, 0.4458, 0.2230

Previews

White Background



This preview shows how the Yxy color 59.8308, 0.2675, 0.2933 looks on a white background.

Color Contrast Check

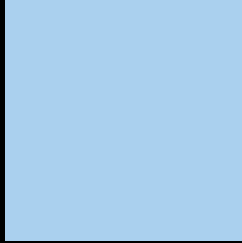
Large Text (above 18pt) WCAG AA × Fail

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 59.8308, 0.2675, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

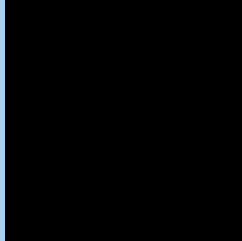
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

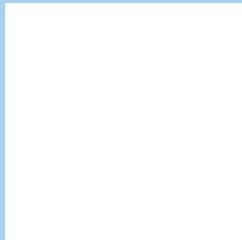
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8308, 0.2675, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 59.8308, 0.2675, 0.2933.



This preview shows how white text looks on a background with the Yxy color 59.8308, 0.2675, 0.2933.

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

59.8308, 0.2675, 0.2933

Protanopia

59.5268, 0.2879, 0.2923

Deuteranopia

59.5168, 0.2882, 0.2820



Tritanopia

59.9641, 0.2728, 0.3083

Trichromacy



Original Color

59.8308, 0.2675, 0.2933

Protanomaly

59.7487, 0.2799, 0.2930

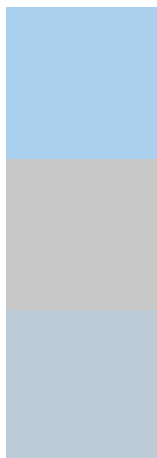
Deuteranomaly

59.6795, 0.2807, 0.2866

Tritanomaly

59.8055, 0.2710, 0.3025

Monochromacy



Original Color

59.8308, 0.2675, 0.2933

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.3857, 0.2947, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8308, 0.2675, 0.2933 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, 208, 238)` looks like.

```
.text, #text, p{  
    color:rgb(170, 208, 238)  
}
```

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, 208, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 208, 238) }
```

Border

The CSS property to change the border of an element to Yxy 59.8308, 0.2675, 0.2933 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, 208, 238) }
```

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

```
.border{ border-color:rgb(170, 208, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 208, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 208, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 208, 238);  
box-shadow:4px 4px 4px 4px rgb(170, 208,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8308, 0.2675, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 208, 238) }
```

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

```
.background{ background-color: rgb(170,  
208, 238) }
```

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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