

Converting Colors

Yxy(62.4594, 0.2549, 0.3039)

Have a look what the booklet for
Yxy(62.4594, 0.2549, 0.3039)
contains.

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Color

Yxy(62.4858, 0.2549, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	92DAEF
RGB	146, 218, 239
RGB Percent	57%, 85%, 94%
CMY	0.4277, 0.1450, 0.0627
CMYK	0.39, 0.09, 0.00, 0.06
HSL	194°, 74%, 75%
HSV	194°, 39%, 94%
XYZ	52.4971, 62.4858, 90.9689
YIQ	198.8660, -49.6530, -8.7330

Conversions

Conversions Part 2

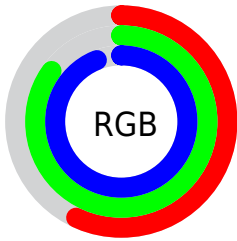
Format	Color
RYB	146, 187, 239
Decimal	9624303
CIELab	83.17, -17.22, -17.38
CIELCh	83, 24.471, 225.265
Yxy	62.4858, 0.2549, 0.3034
Android (android.graphics.Color)	4287814383 (0xFF92DAEF)
YUV	198.8660, 19.7861, -46.3635
Hunter-Lab	79.0480, -19.7890, -12.8978

Details

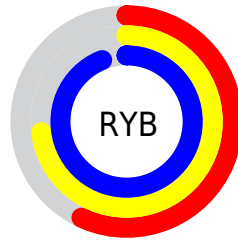
The Yxy color **62.4858, 0.2549, 0.3034** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0382, 0.4009, 0.3527**, and the grayscale version is **56.9190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **31.7869, 0.2412, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **57.7715, 0.2421, 0.2956**, and if you desaturate by 10%, it is **67.7537, 0.2689, 0.3107**.

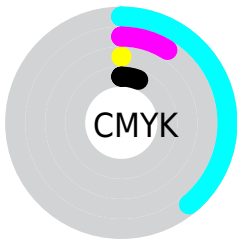
Distribution



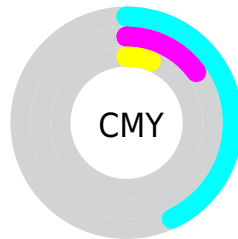
- Red (57%)
- Green (85%)
- Blue (94%)



- Red (57%)
- Yellow (73%)
- Blue (94%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (43%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4858, 0.2549, 0.3034 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 62.4858, 0.2549, 0.3034 by changing the saturation by 10% instead.


 62.4858, 0.2549,
0.3034

 62.4858, 0.2549,
0.3034


433.7009, 0.2818,
0.3161

 45.4254, 0.2488,
0.3003


 108.4273, 0.2642,
0.3080

 31.7926, 0.2412,
0.2964


 138.0772, 0.2679,
0.3097

 21.2031, 0.2316,
0.2913


172.6924, 0.2710,
0.3111

 13.2726, 0.2192,
0.2844

212.6572, 0.2737,
0.3124

 7.6165, 0.2024,
0.2745

258.3560, 0.2761,
0.3135

 3.8506, 0.1786,
0.2595

310.1734, 0.2782,

 1.5903, 0.1433,

0.3145

368.4935, 0.2801,
0.3153

0.2345

0.3511, 0.0000,
0.1674

0.0000, 0.0000,
0.0000

62.4858, 0.2549,
0.3034

62.4858, 0.2549,
0.3034

57.7715, 0.2421,
0.2956

67.7537, 0.2689,
0.3107

53.5740, 0.2308,
0.2875

73.5951, 0.2836,
0.3176

49.8628, 0.2212,
0.2792

80.0376, 0.2989,
0.3239

46.6004, 0.2136,
0.2708

87.1045, 0.3143,
0.3296

■ 43.7429, 0.2079,
0.2624

■ 92.7850, 0.3228,
0.3348

■ 41.2242, 0.2041,
0.2541

■ 96.0953, 0.3224,
0.3400

■ 40.9700, 0.2037,
0.2533

■ 99.0131, 0.3220,
0.3444

Harmonies

Analogous

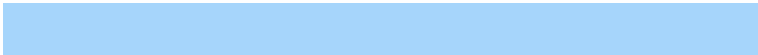
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.4858, 0.2656, 0.3313



62.4858, 0.2549, 0.3034



62.4858, 0.2587, 0.2844

Triad

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



62.4858, 0.2549, 0.3034



62.4858, 0.3356, 0.3004



62.4858, 0.3486, 0.3838

Complementary

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



62.4858, 0.2549, 0.3034



48.0382, 0.4009, 0.3527

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.



62.4858, 0.3691, 0.3719



62.4858, 0.2549, 0.3034



62.4858, 0.3618, 0.3239

Square

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



62.4858, 0.2549, 0.3034



62.4858, 0.3040, 0.2838



62.4858, 0.3742, 0.3497



62.4858, 0.3190, 0.3801

Rectangle

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



62.4858, 0.2549, 0.3034



62.4858, 0.2690, 0.2786



62.4858, 0.3742, 0.3497



62.4858, 0.3568, 0.3814

Sweetspot

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



62.4882, 0.2549, 0.3034



90.3253, 0.2941, 0.3220



70.6049, 0.2964, 0.4219



19.1215, 0.2921, 0.3212



0.0000, 0.0000, 0.0000



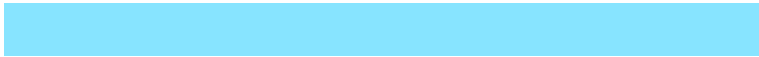
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4882, 0.2549, 0.3034



67.8483, 0.2443, 0.2970



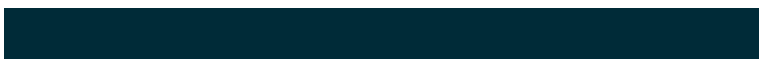
41.9574, 0.2459, 0.2443



17.2887, 0.2981, 0.3235



22.8428, 0.2041, 0.2546



2.0467, 0.2071, 0.2655

Inverse Universe

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



43.9516, 0.3359, 0.2523



44.2291, 0.3424, 0.2369



67.8358, 0.3812, 0.4010



15.9668, 0.3172, 0.3109



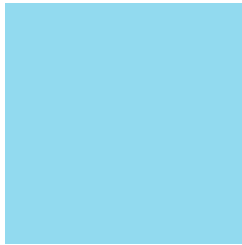
12.0993, 0.3877, 0.1909



1.0213, 0.3771, 0.1851

Previews

White Background



This preview shows how the Yxy color 62.4858, 0.2549, 0.3034 looks on a white background.

Color Contrast Check

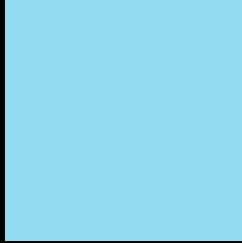
Large Text (above 18pt) WCAG AA × Fail

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 62.4858, 0.2549, 0.3034 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 62.4858, 0.2549, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 62.4858, 0.2549, 0.3034.

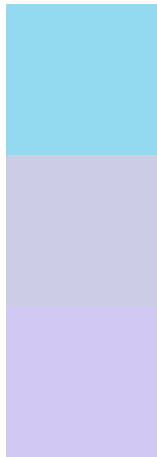


This preview shows how white text looks on a background with the Yxy color 62.4858, 0.2549, 0.3034.

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

62.4858, 0.2549, 0.3034

Protanopia

62.0723, 0.2942, 0.3007

Deuteranopia

61.7997, 0.2899, 0.2828



Tritanopia

62.2187, 0.2559, 0.3069

Trichromacy



Original Color

62.4858, 0.2549, 0.3034

Protanomaly

61.9215, 0.2783, 0.3021

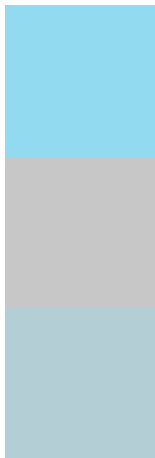
Deuteranomaly

61.4756, 0.2753, 0.2888

Tritanomaly

62.2770, 0.2554, 0.3057

Monochromacy



Original Color

62.4858, 0.2549, 0.3034

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.7010, 0.2884, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4858, 0.2549, 0.3034 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(146, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(146, 218, 239)  
}
```

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(146, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 218, 239) }
```

Border

The CSS property to change the border of an element to Yxy 62.4858, 0.2549, 0.3034 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(146, 218, 239) }
```

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

```
.border{ border-color:rgb(146, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 218, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 218, 239);  
box-shadow:4px 4px 4px 4px rgb(146, 218,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4858, 0.2549, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 218, 239) }
```

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

```
.background{ background-color: rgb(146,  
218, 239) }
```

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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