

Converting Colors

$Yxy(58.1284, 0.2573, 0.2942)$

Have a look what the booklet for
Yxy(58.1284, 0.2573, 0.2942)
contains.

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Color

Yxy(58.3908, 0.2576, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	98D1ED
RGB	152, 209, 237
RGB Percent	60%, 82%, 93%
CMY	0.4038, 0.1804, 0.0706
CMYK	0.36, 0.12, 0.00, 0.07
HSL	200°, 70%, 76%
HSV	200°, 36%, 93%
XYZ	51.0399, 58.3908, 88.7057
YIQ	195.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

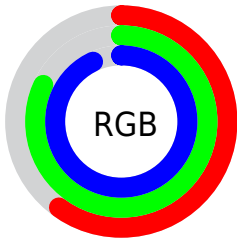
Format	Color
RYB	152, 186, 237
Decimal	10015213
CIELab	80.96, -11.51, -19.63
CIElCh	81, 22.752, 239.622
Yxy	58.3908, 0.2576, 0.2947
Android (android.graphics.Color)	4288205293 (0xFF98D1ED)
YUV	195.1490, 20.6325, -37.8417
Hunter-Lab	76.4139, -14.4969, -15.3376

Details

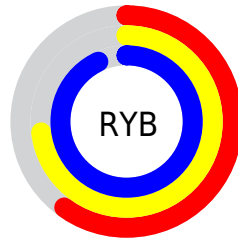
The Yxy color **58.3908, 0.2576, 0.2947** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.9327, 0.3878, 0.3606**, and the grayscale version is **54.5654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **29.3203, 0.2441, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **52.5896, 0.2433, 0.2833**, and if you desaturate by 10%, it is **64.8415, 0.2727, 0.3054**.

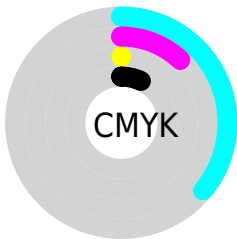
Distribution



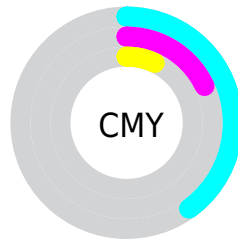
- Red (60%)
- Green (82%)
- Blue (93%)



- Red (60%)
- Yellow (73%)
- Blue (93%)



- Cyan (36%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)




- Cyan (40%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3908, 0.2576, 0.2947 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 58.3908, 0.2576, 0.2947 by changing the saturation by 10% instead.


 58.3908, 0.2576,
0.2947


 58.3908, 0.2576,
0.2947


418.6406, 0.2836,
0.3115

 42.1229, 0.2516,
0.2907


 102.4917, 0.2667,
0.3007

 29.1975, 0.2441,
0.2855


 131.0936, 0.2702,
0.3030

 19.2303, 0.2346,
0.2789


164.5755, 0.2732,
0.3049

 11.8368, 0.2222,
0.2700

203.3219, 0.2758,
0.3066

 6.6327, 0.2052,
0.2574

247.7173, 0.2781,
0.3081

 3.2334, 0.1809,
0.2383

298.1459, 0.2801,

 1.2548, 0.1440,

0.3093

0.2071

354.9922, 0.2819,
0.3105

0.1058, 0.0000,
0.0625

0.0000, 0.0000,
0.0000

58.3908, 0.2576,
0.2947

58.3908, 0.2576,
0.2947

52.5896, 0.2433,
0.2833

64.8415, 0.2727,
0.3054

47.4010, 0.2301,
0.2712

71.9625, 0.2881,
0.3152

42.7943, 0.2185,
0.2587

79.7819, 0.3037,
0.3242

38.7325, 0.2087,
0.2460

88.3241, 0.3191,
0.3322

■ 35.1728, 0.2009,
0.2333

■ 94.5455, 0.3238,
0.3397

■ 32.0630, 0.1952,
0.2208

■ 98.8948, 0.3232,
0.3464

■ 30.8719, 0.1932,
0.2156

Harmonies

Analogous

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



58.3908, 0.2613, 0.3179



58.3908, 0.2576, 0.2947



58.3908, 0.2677, 0.2820

Triad

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



58.3908, 0.2576, 0.2947



58.3908, 0.3476, 0.3119



58.3908, 0.3340, 0.3814

Complementary

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



58.3908, 0.2576, 0.2947



52.9327, 0.3878, 0.3606

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.



58.3908, 0.3586, 0.3769



58.3908, 0.2576, 0.2947



58.3908, 0.3670, 0.3361

Square

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



58.3908, 0.2576, 0.2947



58.3908, 0.3189, 0.2924



58.3908, 0.3710, 0.3597



58.3908, 0.3045, 0.3701

Rectangle

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



58.3908, 0.2576, 0.2947



58.3908, 0.2813, 0.2803



58.3908, 0.3710, 0.3597



58.3908, 0.3431, 0.3816

Sweetspot

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



58.3931, 0.2576, 0.2947



89.3049, 0.2956, 0.3196



70.5032, 0.2929, 0.4020



18.8481, 0.2935, 0.3184



0.0000, 0.0000, 0.0000



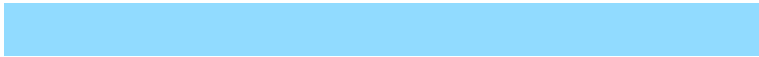
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3931, 0.2576, 0.2947



63.8604, 0.2470, 0.2864



40.6548, 0.2502, 0.2412



16.2366, 0.2981, 0.3211



17.1039, 0.1938, 0.2177



1.5178, 0.1986, 0.2349

Inverse Universe

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



45.0757, 0.3418, 0.2672



46.7249, 0.3499, 0.2547



72.2131, 0.3720, 0.4036



15.2244, 0.3188, 0.3133



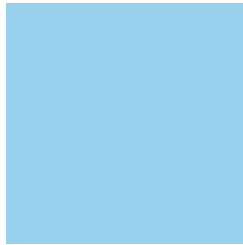
11.2195, 0.4257, 0.2119



0.8986, 0.4075, 0.2019

Previews

White Background



This preview shows how the Yxy color 58.3908, 0.2576, 0.2947 looks on a white background.

Color Contrast Check

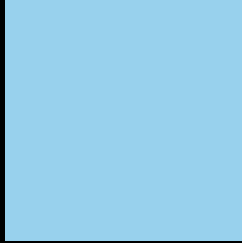
Large Text (above 18pt) WCAG AA × Fail

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 58.3908, 0.2576, 0.2947 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 58.3908, 0.2576, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 58.3908, 0.2576, 0.2947.



This preview shows how white text looks on a background with the Yxy color 58.3908, 0.2576, 0.2947.

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

58.3908, 0.2576, 0.2947

Protanopia

58.1621, 0.2883, 0.2931

Deuteranopia

58.0505, 0.2852, 0.2793



Tritanopia

58.6186, 0.2622, 0.3090

Trichromacy



Original Color

58.3908, 0.2576, 0.2947

Protanomaly

58.1788, 0.2757, 0.2934

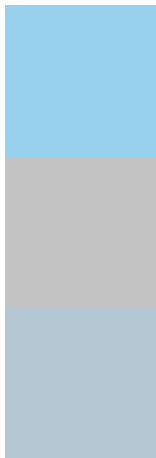
Deuteranomaly

58.0726, 0.2745, 0.2847

Tritanomaly

58.4420, 0.2604, 0.3030

Monochromacy



Original Color

58.3908, 0.2576, 0.2947

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.5454, 0.2900, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3908, 0.2576, 0.2947 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(152, 209, 237)` looks like.

```
.text, #text, p{  
    color:rgb(152, 209, 237)  
}
```

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(152, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 209, 237) }
```

Border

The CSS property to change the border of an element to Yxy 58.3908, 0.2576, 0.2947 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(152, 209, 237) }
```

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

```
.border{ border-color:rgb(152, 209, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 209, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 209, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 209, 237); box-shadow:4px 4px 4px 4px rgb(152, 209, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3908, 0.2576, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 209, 237) }
```

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

```
.background{ background-color: rgb(152,  
209, 237) }
```

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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