

Converting Colors

$Yxy(57.3884, 0.2496, 0.2875)$

Have a look what the booklet for
Yxy(57.3884, 0.2496, 0.2875)
contains.

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Color

Yxy(57.2733, 0.2494, 0.2872)

Conversions

Conversions Part 1

Format	Color
Hex	8ED0F2
RGB	142, 208, 242
RGB Percent	56%, 82%, 95%
CMY	0.4431, 0.1843, 0.0511
CMYK	0.41, 0.14, 0.00, 0.05
HSL	200°, 79%, 75%
HSV	200°, 41%, 95%
XYZ	49.7352, 57.2733, 92.4110
YIQ	192.1420, -50.2500, -3.4180

Conversions

Conversions Part 2

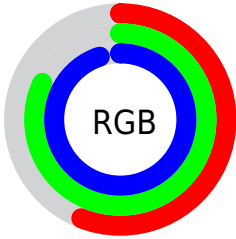
Format	Color
R _Y B	142, 182, 242
Decimal	9359602
CIE Lab	80.33, -12.32, -23.27
CIE LCh	80, 26.325, 242.108
Yxy	57.2733, 0.2494, 0.2872
Android (android.graphics.Color)	4287549682 (0xFF8ED0F2)
YUV	192.1420, 24.5800, -43.9745
Hunter-Lab	75.6791, -15.1308, -19.4230

Details

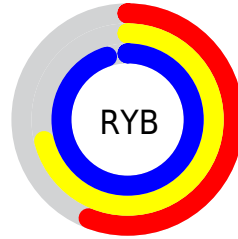
The Yxy color **57.2733, 0.2494, 0.2872** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.8655, 0.4030, 0.3666**, and the grayscale version is **52.6771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **28.6348, 0.2341, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **51.4565, 0.2355, 0.2750**, and if you desaturate by 10%, it is **63.7668, 0.2642, 0.2987**.

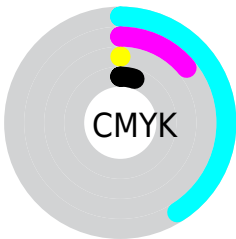
Distribution



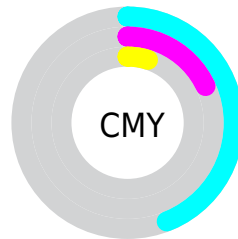
- Red (56%)
- Green (82%)
- Blue (95%)



- Red (56%)
- Yellow (71%)
- Blue (95%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)





- Cyan (44%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2733, 0.2494, 0.2872 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 57.2733, 0.2494, 0.2872 by changing the saturation by 10% instead.


 57.2733, 0.2494,
0.2872


 57.2733, 0.2494,
0.2872


414.4726, 0.2792,
0.3077

 41.2247, 0.2425,
0.2823


 100.8639, 0.2598,
0.2945

 28.4947, 0.2340,
0.2761


 129.1746, 0.2638,
0.2973

 18.6989, 0.2233,
0.2681


162.3415, 0.2673,
0.2997

 11.4529, 0.2092,
0.2573

200.7490, 0.2703,
0.3017

 6.3723, 0.1902,
0.2422

244.7815, 0.2729,
0.3035

 3.0728, 0.1633,
0.2197

294.8233, 0.2752,

 1.1699, 0.1236,

0.3050

0.1838

351.2589, 0.2773,
0.3064

0.0369, 0.0000,
0.0195

0.0000, 0.0000,
0.0000

57.2733, 0.2494,
0.2872

57.2733, 0.2494,
0.2872

51.4565, 0.2355,
0.2750

63.7668, 0.2642,
0.2987

46.2763, 0.2230,
0.2622

70.9612, 0.2796,
0.3093

41.6979, 0.2122,
0.2491

78.8870, 0.2952,
0.3191

37.6789, 0.2033,
0.2360

87.5710, 0.3107,
0.3279

■ 34.1693, 0.1966,
0.2229

■ 95.4897, 0.3207,
0.3359

■ 31.4654, 0.1922,
0.2118

■ 99.1888, 0.3203,
0.3415

Harmonies

Analogous

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



57.2733, 0.2522, 0.3132



57.2733, 0.2494, 0.2872



57.2733, 0.2623, 0.2740

Triad

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



57.2733, 0.2494, 0.2872



57.2733, 0.3557, 0.3113



57.2733, 0.3345, 0.3900

Complementary

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



57.2733, 0.2494, 0.2872



51.8655, 0.4030, 0.3666

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.



57.2733, 0.3640, 0.3857



57.2733, 0.2494, 0.2872



57.2733, 0.3772, 0.3392

Square

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



57.2733, 0.2494, 0.2872



57.2733, 0.3227, 0.2883



57.2733, 0.3801, 0.3663



57.2733, 0.3001, 0.3754

Rectangle

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



57.2733, 0.2494, 0.2872



57.2733, 0.2785, 0.2730



57.2733, 0.3801, 0.3663



57.2733, 0.3453, 0.3906

Sweetspot

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



57.2755, 0.2494, 0.2872



88.1962, 0.2941, 0.3184



72.3448, 0.2895, 0.4133



18.6187, 0.2920, 0.3172



0.0000, 0.0000, 0.0000



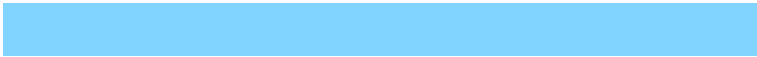
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2755, 0.2494, 0.2872



58.6974, 0.2371, 0.2765



36.8445, 0.2390, 0.2228



16.9717, 0.2980, 0.3208



17.1719, 0.1928, 0.2139



1.6121, 0.1975, 0.2308

Inverse Universe

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



42.7758, 0.3488, 0.2587



41.3055, 0.3596, 0.2446



74.8420, 0.3810, 0.4163



15.9348, 0.3190, 0.3135



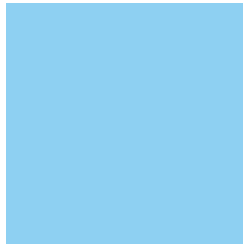
11.5269, 0.4298, 0.2141



0.9775, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 57.2733, 0.2494, 0.2872 looks on a white background.

Color Contrast Check

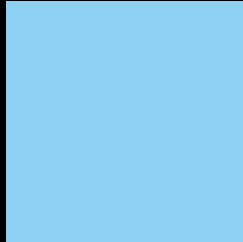
Large Text (above 18pt) WCAG AA × Fail

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 57.2733, 0.2494, 0.2872 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 57.2733, 0.2494, 0.2872

Background



This preview shows how black text looks on a background with the Yxy color 57.2733, 0.2494, 0.2872.



This preview shows how white text looks on a background with the Yxy color 57.2733, 0.2494, 0.2872.

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

57.2733, 0.2494, 0.2872

Protanopia

56.9494, 0.2828, 0.2860

Deuteranopia

56.6455, 0.2777, 0.2711



Tritanopia

57.0425, 0.2553, 0.3073

Trichromacy



Original Color

57.2733, 0.2494, 0.2872

Protanomaly

56.7719, 0.2691, 0.2861

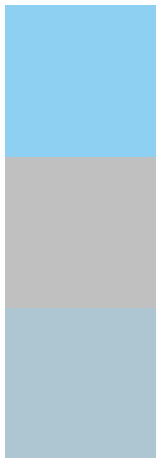
Deuteranomaly

56.4925, 0.2661, 0.2762

Tritanomaly

56.9161, 0.2531, 0.3000

Monochromacy



Original Color

57.2733, 0.2494, 0.2872

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.0400, 0.2863, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2733, 0.2494, 0.2872 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(142, 208, 242)` looks like.

```
.text, #text, p{  
    color:rgb(142, 208, 242)  
}
```

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(142, 208, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 208, 242) }
```

Border

The CSS property to change the border of an element to Yxy 57.2733, 0.2494, 0.2872 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(142, 208, 242) }
```

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

```
.border{ border-color:rgb(142, 208, 242) }
```

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

Here you see how a box with a 4 pixel rgb(142, 208, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 208, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 208, 242);  
box-shadow:4px 4px 4px 4px rgb(142, 208,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2733, 0.2494, 0.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 208, 242) }
```

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

```
.background{ background-color: rgb(142,  
208, 242) }
```

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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