

Converting Colors

Yxy(43.6061, 0.2499, 0.2517)

Have a look what the booklet for
Yxy(43.6061, 0.2499, 0.2517)
contains.

Yxy(43.5547, 0.2497, 0.2517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.5547, 0.2497, 0.2517)

Conversions

Conversions Part 1

Format	Color
Hex	95B0ED
RGB	149, 176, 237
RGB Percent	58%, 69%, 93%
CMY	0.4157, 0.3098, 0.0704
CMYK	0.37, 0.26, 0.00, 0.07
HSL	222°, 71%, 76%
HSV	222°, 37%, 93%
XYZ	43.2086, 43.5547, 86.2788
YIQ	174.8810, -35.6730, 13.2470

Conversions

Conversions Part 2

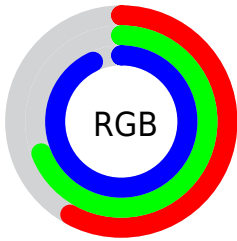
Format	Color
RYB	149, 170, 237
Decimal	9810157
CIELab	71.93, 5.45, -33.47
CIELCh	72, 33.911, 279.246
Yxy	43.5547, 0.2497, 0.2517
Android (android.graphics.Color)	4288000237 (0xFF95B0ED)
YUV	174.8810, 30.6247, -22.6976
Hunter-Lab	65.9960, 1.3738, -31.3146

Details

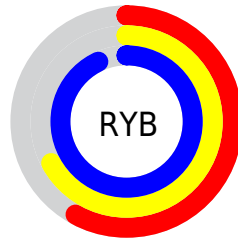
The Yxy color **43.5547, 0.2497, 0.2517** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.2887, 0.3784, 0.3955**, and the grayscale version is **42.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3510, 0.2817, 0.3034**, and **20.1844, 0.2330, 0.2320** is the 20% darker color. If you saturate the color by 10%, you get **35.4904, 0.2313, 0.2262**, and if you desaturate by 10%, it is **52.8561, 0.2679, 0.2754**.

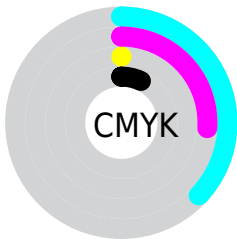
Distribution



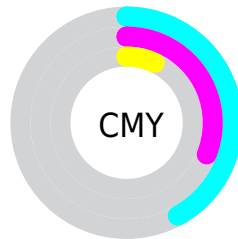
- Red (58%)
- Green (69%)
- Blue (93%)



- Red (58%)
- Yellow (67%)
- Blue (93%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5547, 0.2497, 0.2517 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 43.5547, 0.2497, 0.2517 by changing the saturation by 10% instead.

■ 43.5547, 0.2497,
0.2517

■ 43.5547, 0.2497,
0.2517

360.8880, 0.2809,
0.2893

■ 30.3206, 0.2421,
0.2427

■ 80.5473, 0.2609,
0.2651

■ 20.0820, 0.2326,
0.2315

■ 105.0745, 0.2651,
0.2702

■ 12.4547, 0.2202,
0.2171

134.1349, 0.2688,
0.2745

■ 7.0541, 0.2036,
0.1981

168.1128, 0.2719,
0.2783

■ 3.4960, 0.1805,
0.1721

207.3927, 0.2746,
0.2816

■ 1.3958, 0.1469,
0.1353

252.3589, 0.2769,

■ 0.2136, 0.0804,

0.2845

0.0511

303.3959, 0.2790,
0.2870

0.0000, 0.0000,
0.0000

43.5547, 0.2497,
0.2517

43.5547, 0.2497,
0.2517

35.4904, 0.2313,
0.2262

52.8561, 0.2679,
0.2754

28.6028, 0.2134,
0.1997

63.4412, 0.2853,
0.2971

22.8334, 0.1968,
0.1730

75.3604, 0.3017,
0.3165

18.1161, 0.1823,
0.1473

88.6596, 0.3169,
0.3337

14.3764, 0.1708,
0.1238

98.8967, 0.3232,
0.3463

■ 11.5249, 0.1627,
0.1038

■ 10.8440, 0.1608,
0.0988

Harmonies

Analogous

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



43.5547, 0.2278, 0.2640



43.5547, 0.2497, 0.2517



43.5547, 0.2890, 0.2578

Triad

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



43.5547, 0.2497, 0.2517



43.5547, 0.4076, 0.3508



43.5547, 0.2833, 0.3874

Complementary

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



43.5547, 0.2497, 0.2517



66.2887, 0.3784, 0.3955

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.



43.5547, 0.3307, 0.4144



43.5547, 0.2497, 0.2517



43.5547, 0.4042, 0.3873

Square

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



43.5547, 0.2497, 0.2517



43.5547, 0.3828, 0.3124



43.5547, 0.3752, 0.4123



43.5547, 0.2458, 0.3412

Rectangle

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



43.5547, 0.2497, 0.2517



43.5547, 0.3213, 0.2707



43.5547, 0.3752, 0.4123



43.5547, 0.2986, 0.3994

Sweetspot

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



43.5564, 0.2497, 0.2517



83.2774, 0.2955, 0.3092



71.5906, 0.2749, 0.3631



17.4130, 0.2932, 0.3066



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.



43.5564, 0.2497, 0.2517



43.6525, 0.2349, 0.2314



35.6228, 0.2566, 0.2198



15.3025, 0.2980, 0.3122



6.1220, 0.1616, 0.1016



0.6455, 0.1692, 0.1289

Inverse Universe

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



42.6381, 0.3752, 0.2989



43.2022, 0.3957, 0.2925



78.1161, 0.3566, 0.4253



15.1301, 0.3245, 0.3218



10.1108, 0.5735, 0.2933



0.8106, 0.5342, 0.2716

Previews

White Background



This preview shows how the Yxy color 43.5547, 0.2497, 0.2517 looks on a white background.

Color Contrast Check

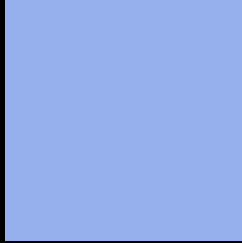
Large Text (above 18pt) WCAG AA × Fail

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 43.5547, 0.2497, 0.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

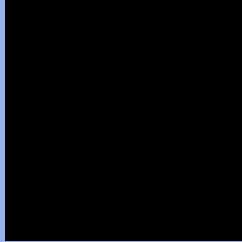
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

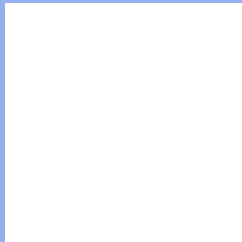
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5547, 0.2497, 0.2517

Background



This preview shows how black text looks on a background with the Yxy color 43.5547, 0.2497, 0.2517.



This preview shows how white text looks on a background with the Yxy color 43.5547, 0.2497, 0.2517.

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

43.5547, 0.2497, 0.2517

Protanopia

43.6412, 0.2572, 0.2526

Deuteranopia

43.3293, 0.2546, 0.2480



Tritanopia

43.5196, 0.2685, 0.3080

Trichromacy



Original Color

43.5547, 0.2497, 0.2517

Protanomaly

43.6846, 0.2541, 0.2523

Deuteranomaly

43.4137, 0.2527, 0.2489

Tritanomaly

43.2356, 0.2613, 0.2857

Monochromacy



Original Color

43.5547, 0.2497, 0.2517

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8442, 0.2872, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5547, 0.2497, 0.2517 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(149, 176, 237)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 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(149, 176, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 237) }
```

Border

The CSS property to change the border of an element to Yxy 43.5547, 0.2497, 0.2517 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(149, 176, 237) }
```

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

```
.border{ border-color:rgb(149, 176, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 237);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5547, 0.2497, 0.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 237) }
```

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

```
.background{ background-color: rgb(149,  
176, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor