

Converting Colors

$Yxy(41.5216, 0.2464, 0.2474)$

Have a look what the booklet for
Yxy(41.5216, 0.2464, 0.2474)
contains.

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Color

Yxy(41.4905, 0.2463, 0.2469)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 90ACEC |
| RGB | 144, 172, 236 |
| RGB Percent | 56%, 67%, 93% |
| CMY | 0.4353, 0.3254, 0.0746 |
| CMYK | 0.39, 0.27, 0.00, 0.07 |
| HSL | 222°, 71%, 75% |
| HSV | 222°, 39%, 93% |
| XYZ | 41.3897, 41.4905, 85.1656 |
| YIQ | 170.9240, -37.2320, 13.9680 |

Conversions

Conversions Part 2

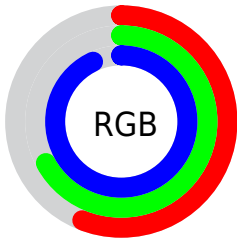
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 165, 236 |
| Decimal | 9481452 |
| CIELab | 70.52, 6.06, -35.10 |
| CIELCh | 71, 35.624, 279.796 |
| Yxy | 41.4905, 0.2463, 0.2469 |
| Android (android.graphics.Color) | 4287671532 (0xFF90ACEC) |
| YUV | 170.9240, 32.0825, -23.6123 |
| Hunter-Lab | 64.4131, 1.9750, -33.3027 |

Details

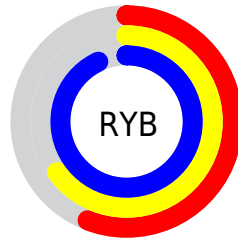
The Yxy color **41.4905, 0.2463, 0.2469** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.9321, 0.3820, 0.3990**, and the grayscale version is **40.5342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4375, 0.2784, 0.2988**, and **18.8521, 0.2278, 0.2251** is the 20% darker color. If you saturate the color by 10%, you get **33.7191, 0.2279, 0.2211**, and if you desaturate by 10%, it is **50.4803, 0.2646, 0.2711**.

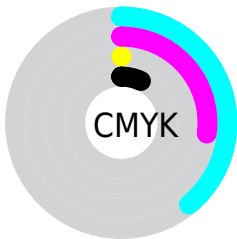
Distribution



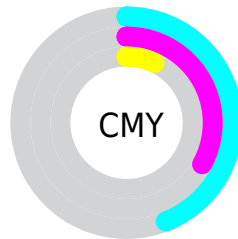
- Red (56%)
- Green (67%)
- Blue (93%)



- Red (56%)
- Yellow (65%)
- Blue (93%)



- Cyan (39%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4905, 0.2463, 0.2469 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 41.4905, 0.2463, 0.2469 by changing the saturation by 10% instead.

■ 41.4905, 0.2463,
0.2469

■ 41.4905, 0.2463,
0.2469

352.3665, 0.2794,
0.2870

■ 28.7026, 0.2382,
0.2373

■ 77.4279, 0.2582,
0.2612

■ 18.8559, 0.2280,
0.2253

■ 101.3462, 0.2627,
0.2666

■ 11.5662, 0.2148,
0.2099

129.7434, 0.2665,
0.2713

■ 6.4490, 0.1970,
0.1896

163.0038, 0.2698,
0.2753

■ 3.1200, 0.1723,
0.1618

201.5120, 0.2727,
0.2788

■ 1.1947, 0.1366,
0.1231

245.6522, 0.2752,

■ 0.0574, 0.0539,

0.2819

0.0153

295.8089, 0.2774,
0.2846

0.0000, 0.0000,
0.0000

41.4905, 0.2463,
0.2469

41.4905, 0.2463,
0.2469

33.7191, 0.2279,
0.2211

50.4803, 0.2646,
0.2711

27.1057, 0.2102,
0.1944

60.7359, 0.2822,
0.2932

21.5909, 0.1938,
0.1677

72.3077, 0.2988,
0.3130

17.1079, 0.1799,
0.1423

85.2417, 0.3142,
0.3307

13.5806, 0.1689,
0.1194

98.2345, 0.3239,
0.3465

■ 10.9086, 0.1613,
0.1001

■ 98.8348, 0.3238,
0.3474

■ 10.6745, 0.1607,
0.0983

Harmonies

Analogous

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



41.4905, 0.2228, 0.2593



41.4905, 0.2463, 0.2469



41.4905, 0.2882, 0.2538

Triad

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



41.4905, 0.2463, 0.2469



41.4905, 0.4143, 0.3524



41.4905, 0.2803, 0.3909

Complementary

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



41.4905, 0.2463, 0.2469



64.9321, 0.3820, 0.3990

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.



41.4905, 0.3306, 0.4203



41.4905, 0.2463, 0.2469



41.4905, 0.4099, 0.3912

Square

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



41.4905, 0.2463, 0.2469



41.4905, 0.3883, 0.3119



41.4905, 0.3783, 0.4181



41.4905, 0.2408, 0.3409

Rectangle

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



41.4905, 0.2463, 0.2469



41.4905, 0.3227, 0.2677



41.4905, 0.3783, 0.4181



41.4905, 0.2965, 0.4039

Sweetspot

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



41.4921, 0.2463, 0.2469



81.8184, 0.2938, 0.3072



70.4035, 0.2734, 0.3650



17.1194, 0.2917, 0.3046



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.



41.4921, 0.2463, 0.2469



41.7588, 0.2312, 0.2258



33.5597, 0.2533, 0.2137



15.2972, 0.2980, 0.3121



6.0851, 0.1614, 0.1011



0.6420, 0.1690, 0.1284

Inverse Universe

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



40.7510, 0.3798, 0.2976



41.5953, 0.4015, 0.2913



77.0684, 0.3586, 0.4301



15.1296, 0.3245, 0.3218



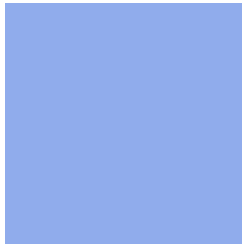
10.1071, 0.5743, 0.2937



0.8102, 0.5349, 0.2720

Previews

White Background



This preview shows how the Yxy color 41.4905, 0.2463, 0.2469 looks on a white background.

Color Contrast Check

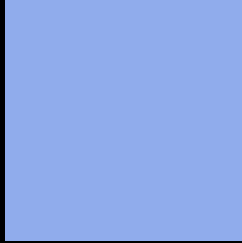
Large Text (above 18pt) WCAG AA × Fail

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 41.4905, 0.2463, 0.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

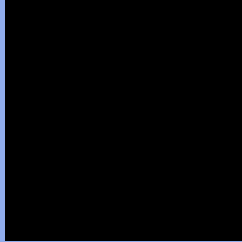
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

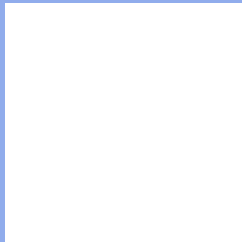
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4905, 0.2463, 0.2469

Background



This preview shows how black text looks on a background with the Yxy color 41.4905, 0.2463, 0.2469.



This preview shows how white text looks on a background with the Yxy color 41.4905, 0.2463, 0.2469.

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

41.4905, 0.2463, 0.2469

Protanopia

41.4623, 0.2530, 0.2476

Deuteranopia

41.4810, 0.2512, 0.2453



Tritanopia

41.6059, 0.2665, 0.3089

Trichromacy



Original Color

41.4905, 0.2463, 0.2469

Protanomaly

41.6080, 0.2506, 0.2474

Deuteranomaly

41.5715, 0.2493, 0.2462

Tritanomaly

41.4510, 0.2592, 0.2849

Monochromacy



Original Color

41.4905, 0.2463, 0.2469

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6430, 0.2851, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4905, 0.2463, 0.2469 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(144, 172, 236)` looks like.

```
.text, #text, p{  
    color:rgb(144, 172, 236)  
}
```

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(144, 172, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 172, 236) }
```

Border

The CSS property to change the border of an element to Yxy 41.4905, 0.2463, 0.2469 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(144, 172, 236) }
```

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

```
.border{ border-color:rgb(144, 172, 236) }
```

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

Here you see how a box with a 4 pixel rgb(144, 172, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 172, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 172, 236);  
box-shadow:4px 4px 4px 4px rgb(144, 172,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4905, 0.2463, 0.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 172, 236) }
```

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

```
.background{ background-color: rgb(144,  
172, 236) }
```

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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