

Converting Colors

$Y_{xy}(41.8273, 0.2537, 0.2654)$

Have a look what the booklet for
Yxy(41.8273, 0.2537, 0.2654)
contains.

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Color

Yxy(41.8273, 0.2537, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	8FAFDF
RGB	143, 175, 223
RGB Percent	56%, 69%, 87%
CMY	0.4391, 0.3138, 0.1254
CMYK	0.36, 0.22, 0.00, 0.13
HSL	216°, 56%, 72%
HSV	216°, 36%, 87%
XYZ	39.9834, 41.8273, 75.7903
YIQ	170.9040, -34.4800, 8.1440

Conversions

Conversions Part 2

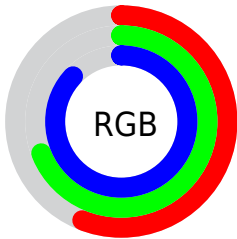
Format	Color
RYB	143, 166, 223
Decimal	9416671
CIELab	70.75, 0.71, -27.68
CIElCh	71, 27.685, 271.475
Yxy	41.8273, 0.2537, 0.2654
Android (android.graphics.Color)	4287606751 (0xFF8FAFDF)
YUV	170.9040, 25.6833, -24.4718
Hunter-Lab	64.6740, -2.8257, -24.2090

Details

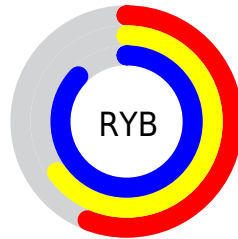
The Yxy color **41.8273, 0.2537, 0.2654** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **54.9650, 0.3785, 0.3850**, and the grayscale version is **40.5601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9557, 0.2780, 0.3021**, and **19.1169, 0.2368, 0.2478** is the 20% darker color. If you saturate the color by 10%, you get **35.0750, 0.2364, 0.2438**, and if you desaturate by 10%, it is **49.4955, 0.2709, 0.2855**.

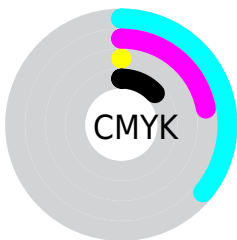
Distribution



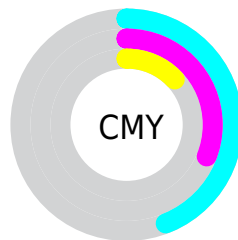
- Red (56%)
- Green (69%)
- Blue (87%)



- Red (56%)
- Yellow (65%)
- Blue (87%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)



- Cyan (44%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8273, 0.2537, 0.2654 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 41.8273, 0.2537, 0.2654 by changing the saturation by 10% instead.

■ 41.8273, 0.2537,
0.2654

■ 41.8273, 0.2537,
0.2654

■ 353.7665, 0.2831,
0.2971

■ 28.9661, 0.2465,
0.2576

■ 77.9382, 0.2643,
0.2768

■ 19.0552, 0.2373,
0.2478

■ 101.9566, 0.2683,
0.2811

■ 11.7101, 0.2252,
0.2349

■ 130.4630, 0.2717,
0.2848

■ 6.5466, 0.2088,
0.2174

■ 163.8416, 0.2747,
0.2879

■ 3.1802, 0.1855,
0.1926

■ 202.4768, 0.2772,
0.2907

■ 1.2265, 0.1506,
0.1556

■ 246.7532, 0.2794,

■ 0.0832, 0.0365,

0.2931

0.0315

297.0549, 0.2814,
0.2952

0.0000, 0.0000,
0.0000

41.8273, 0.2537,
0.2654

41.8273, 0.2537,
0.2654

35.0750, 0.2364,
0.2438

49.4955, 0.2709,
0.2855

29.1952, 0.2197,
0.2209

58.1108, 0.2877,
0.3038

24.1478, 0.2041,
0.1975

67.7086, 0.3038,
0.3202

19.8868, 0.1903,
0.1742

78.3209, 0.3188,
0.3348

16.3606, 0.1791,
0.1521

89.9783, 0.3329,
0.3477

■ 13.5084, 0.1707,
0.1318

■ 98.1087, 0.3315,
0.3601

■ 12.4903, 0.1678,
0.1240

Harmonies

Analogous

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



41.8273, 0.2394, 0.2806



41.8273, 0.2537, 0.2654



41.8273, 0.2836, 0.2663

Triad

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



41.8273, 0.2537, 0.2654



41.8273, 0.3878, 0.3396



41.8273, 0.2986, 0.3844

Complementary

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



41.8273, 0.2537, 0.2654



54.9650, 0.3785, 0.3850

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.



41.8273, 0.3385, 0.4008



41.8273, 0.2537, 0.2654



41.8273, 0.3915, 0.3712

Square

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



41.8273, 0.2537, 0.2654



41.8273, 0.3622, 0.3076



41.8273, 0.3729, 0.3946



41.8273, 0.2639, 0.3498

Rectangle

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



41.8273, 0.2537, 0.2654



41.8273, 0.3095, 0.2750



41.8273, 0.3729, 0.3946



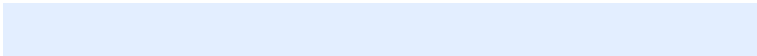
41.8273, 0.3118, 0.3924

Sweetspot

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



41.8289, 0.2537, 0.2654



84.7831, 0.2955, 0.3119



62.3910, 0.2799, 0.3705



17.7705, 0.2933, 0.3096



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.



41.8289, 0.2537, 0.2654



49.7347, 0.2408, 0.2494



31.5682, 0.2538, 0.2231



14.1375, 0.2981, 0.3145



7.5501, 0.1686, 0.1267



0.6951, 0.1771, 0.1574

Inverse Universe

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



38.4424, 0.3640, 0.2915



45.2989, 0.3796, 0.2836



69.2196, 0.3603, 0.4199



13.7908, 0.3230, 0.3197



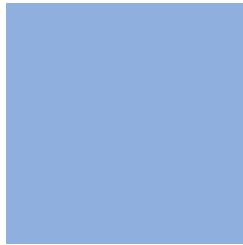
9.6702, 0.5372, 0.2733



0.6876, 0.4964, 0.2508

Previews

White Background



This preview shows how the Yxy color 41.8273, 0.2537, 0.2654 looks on a white background.

Color Contrast Check

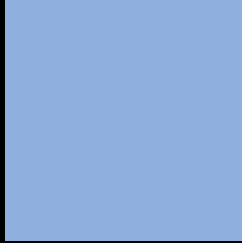
Large Text (above 18pt) WCAG AA × Fail

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 41.8273, 0.2537, 0.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

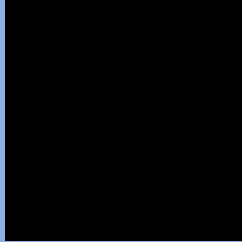
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

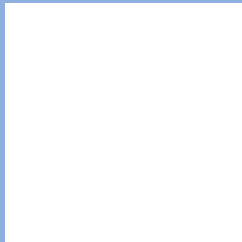
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8273, 0.2537, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 41.8273, 0.2537, 0.2654.



This preview shows how white text looks on a background with the Yxy color 41.8273, 0.2537, 0.2654.

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

41.8273, 0.2537, 0.2654

Protanopia

41.7667, 0.2669, 0.2655

Deuteranopia

41.8127, 0.2656, 0.2599



Tritanopia

41.8169, 0.2672, 0.3076

Trichromacy



Original Color

41.8273, 0.2537, 0.2654

Protanomaly

41.5955, 0.2620, 0.2650

Deuteranomaly

41.8554, 0.2608, 0.2616

Tritanomaly

41.7375, 0.2626, 0.2915

Monochromacy



Original Color

41.8273, 0.2537, 0.2654

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7998, 0.2889, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8273, 0.2537, 0.2654 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(143, 175, 223)` looks like.

```
.text, #text, p{  
    color:rgb(143, 175, 223)  
}
```

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(143, 175, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 175, 223) }
```

Border

The CSS property to change the border of an element to Yxy 41.8273, 0.2537, 0.2654 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(143, 175, 223) }
```

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

```
.border{ border-color:rgb(143, 175, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 175, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 175, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 175, 223); box-shadow:4px 4px 4px 4px rgb(143, 175, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8273, 0.2537, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 175, 223) }
```

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

```
.background{ background-color: rgb(143,  
175, 223) }
```

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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