

Converting Colors

$Y_{xy}(41.2548, 0.2560, 0.2751)$

Have a look what the booklet for
Yxy(41.2548, 0.2560, 0.2751)
contains.

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Color

Yxy(41.0552, 0.2558, 0.2746)

Conversions

Conversions Part 1

Format	Color
Hex	8BAFD7
RGB	139, 175, 215
RGB Percent	55%, 69%, 84%
CMY	0.4549, 0.3137, 0.1568
CMYK	0.35, 0.19, 0.00, 0.16
HSL	212°, 49%, 69%
HSV	212°, 35%, 84%
XYZ	38.2444, 41.0552, 70.2095
YIQ	168.7960, -34.2960, 4.8080

Conversions

Conversions Part 2

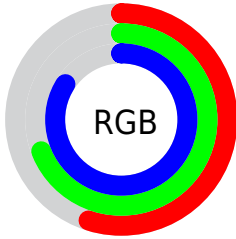
Format	Color
RYB	139, 163, 215
Decimal	9154519
CIELab	70.21, -2.48, -24.14
CIElCh	70, 24.268, 264.125
Yxy	41.0552, 0.2558, 0.2746
Android (android.graphics.Color)	4287344599 (0xFF8BAFD7)
YUV	168.7960, 22.7786, -26.1311
Hunter-Lab	64.0743, -5.5877, -20.1150

Details

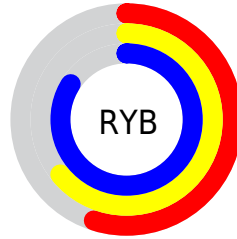
The Yxy color **41.0552, 0.2558, 0.2746** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **48.5602, 0.3796, 0.3776**, and the grayscale version is **39.4693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2830, 0.2750, 0.3019**, and **18.6824, 0.2401, 0.2598** is the 20% darker color. If you saturate the color by 10%, you get **35.1614, 0.2394, 0.2559**, and if you desaturate by 10%, it is **47.6855, 0.2724, 0.2919**.

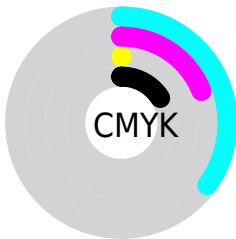
Distribution



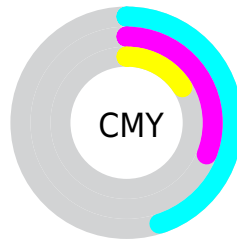
- Red (55%)
- Green (69%)
- Blue (84%)



- Red (55%)
- Yellow (64%)
- Blue (84%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0552, 0.2558, 0.2746 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 41.0552, 0.2558, 0.2746 by changing the saturation by 10% instead.

■ 41.0552, 0.2558,
0.2746

■ 41.0552, 0.2558,
0.2746

■ 350.5513, 0.2843,
0.3020

■ 28.3622, 0.2487,
0.2677

■ 76.7677, 0.2661,
0.2846

■ 18.5989, 0.2398,
0.2589

■ 100.5560, 0.2700,
0.2883

■ 11.3808, 0.2279,
0.2473

■ 128.8115, 0.2733,
0.2915

■ 6.3236, 0.2117,
0.2313

■ 161.9186, 0.2761,
0.2942

■ 3.0428, 0.1884,
0.2080

■ 200.2618, 0.2786,
0.2966

■ 1.1541, 0.1528,
0.1718

■ 244.2253, 0.2807,

■ 0.0238, 0.0000,

0.2986

0.0122

294.1937, 0.2826,
0.3004

0.0000, 0.0000,
0.0000

41.0552, 0.2558,
0.2746

41.0552, 0.2558,
0.2746

35.1614, 0.2394,
0.2559

47.6855, 0.2724,
0.2919

29.9689, 0.2236,
0.2361

55.0759, 0.2887,
0.3078

25.4461, 0.2090,
0.2156

63.2547, 0.3045,
0.3220

21.5568, 0.1961,
0.1950

72.2472, 0.3196,
0.3347

18.2596, 0.1855,
0.1748

82.0772, 0.3338,
0.3460

■ 15.5060, 0.1774,
0.1558

■ 90.2162, 0.3381,
0.3566

■ 14.3769, 0.1743,
0.1474

■ 97.1977, 0.3365,
0.3674

■ 97.6872, 0.3363,
0.3681

Harmonies

Analogous

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



41.0552, 0.2468, 0.2919



41.0552, 0.2558, 0.2746



41.0552, 0.2795, 0.2717

Triad

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



41.0552, 0.2558, 0.2746



41.0552, 0.3749, 0.3316



41.0552, 0.3090, 0.3827

Complementary

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



41.0552, 0.2558, 0.2746



48.5602, 0.3796, 0.3776

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.



41.0552, 0.3440, 0.3926



41.0552, 0.2558, 0.2746



41.0552, 0.3833, 0.3603

Square

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



41.0552, 0.2558, 0.2746



41.0552, 0.3487, 0.3037



41.0552, 0.3716, 0.3832



41.0552, 0.2763, 0.3556

Rectangle

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



41.0552, 0.2558, 0.2746



41.0552, 0.3013, 0.2774



41.0552, 0.3716, 0.3832



41.0552, 0.3209, 0.3882

Sweetspot

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



41.0568, 0.2558, 0.2746



86.0011, 0.2955, 0.3140



57.3240, 0.2841, 0.3786



18.0602, 0.2934, 0.3120



0.0000, 0.0000, 0.0000



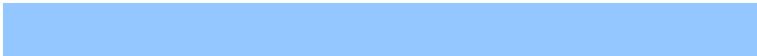
21.4041, 0.3127, 0.3290

Same Dimension

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



41.0568, 0.2558, 0.2746



54.1799, 0.2442, 0.2615



28.9712, 0.2499, 0.2237



12.9690, 0.2982, 0.3164



8.8067, 0.1750, 0.1501



0.6962, 0.1840, 0.1825

Inverse Universe

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



36.0102, 0.3567, 0.2855



46.5145, 0.3693, 0.2767



64.7322, 0.3646, 0.4168



12.5178, 0.3218, 0.3180



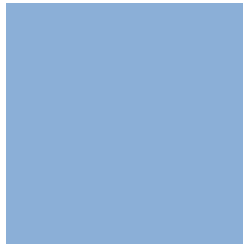
9.2339, 0.5058, 0.2560



0.5736, 0.4656, 0.2338

Previews

White Background



This preview shows how the Yxy color 41.0552, 0.2558, 0.2746 looks on a white background.

Color Contrast Check

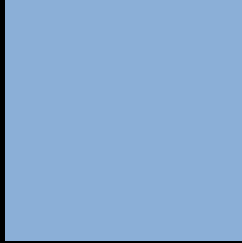
Large Text (above 18pt) WCAG AA × Fail

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 41.0552, 0.2558, 0.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

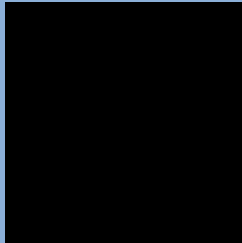
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

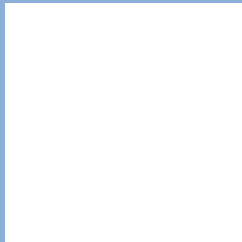
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0552, 0.2558, 0.2746

Background



This preview shows how black text looks on a background with the Yxy color 41.0552, 0.2558, 0.2746.

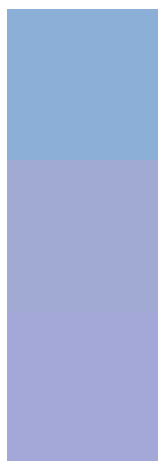


This preview shows how white text looks on a background with the Yxy color 41.0552, 0.2558, 0.2746.

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

41.0552, 0.2558, 0.2746

Protanopia

41.0297, 0.2736, 0.2749

Deuteranopia

40.9075, 0.2715, 0.2655



Tritanopia

41.1588, 0.2670, 0.3089

Trichromacy



Original Color

41.0552, 0.2558, 0.2746

Protanomaly

41.0308, 0.2671, 0.2755

Deuteranomaly

41.0523, 0.2658, 0.2696

Tritanomaly

41.2921, 0.2630, 0.2966

Monochromacy



Original Color

41.0552, 0.2558, 0.2746

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.9401, 0.2894, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0552, 0.2558, 0.2746 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(139, 175, 215)` looks like.

```
.text, #text, p{  
    color:rgb(139, 175, 215)  
}
```

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(139, 175, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 175, 215) }
```

Border

The CSS property to change the border of an element to Yxy 41.0552, 0.2558, 0.2746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

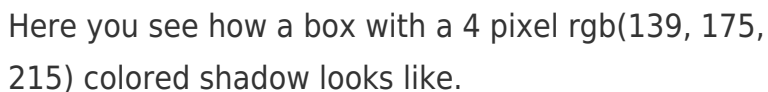
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 175, 215) }
```

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

```
.border{ border-color:rgb(139, 175, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 175, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 175, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 175, 215); box-shadow:4px 4px 4px 4px rgb(139, 175, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0552, 0.2558, 0.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 175, 215) }
```

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

```
.background{ background-color: rgb(139,  
175, 215) }
```

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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