

Converting Colors

Yxy(41.3424, 0.2655, 0.2542)

Have a look what the booklet for
Yxy(41.3424, 0.2655, 0.2542)
contains.

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Color

Yxy(41.5506, 0.2656, 0.2544)

Conversions

Conversions Part 1

Format	Color
Hex	A5A8E3
RGB	165, 168, 227
RGB Percent	65%, 66%, 89%
CMY	0.3530, 0.3411, 0.1099
CMYK	0.27, 0.26, 0.00, 0.11
HSL	237°, 53%, 77%
HSV	237°, 27%, 89%
XYZ	43.3799, 41.5506, 78.3974
YIQ	173.8290, -20.7270, 17.7130

Conversions

Conversions Part 2

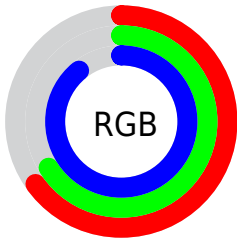
Format	Color
RYB	165, 168, 227
Decimal	10856675
CIELab	70.56, 11.86, -30.02
CIElCh	71, 32.274, 291.561
Yxy	41.5506, 0.2656, 0.2544
Android (android.graphics.Color)	4289046755 (0xFFA5A8E3)
YUV	173.8290, 26.2133, -7.7430
Hunter-Lab	64.4598, 7.3217, -26.9880

Details

The Yxy color **41.5506, 0.2656, 0.2544** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **72.3328, 0.3547, 0.3941**, and the grayscale version is **42.1055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3675, 0.2914, 0.2957**, and **18.8758, 0.2527, 0.2352** is the 20% darker color. If you saturate the color by 10%, you get **32.0095, 0.2452, 0.2217**, and if you desaturate by 10%, it is **52.8503, 0.2845, 0.2845**.

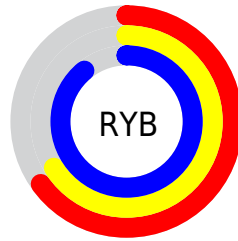
Distribution



Red (65%)

Green (66%)

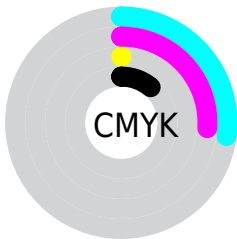
Blue (89%)



Red (65%)

Yellow (66%)

Blue (89%)

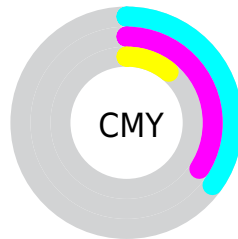


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5506, 0.2656, 0.2544 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 41.5506, 0.2656, 0.2544 by changing the saturation by 10% instead.

■ 41.5506, 0.2656,
0.2544

■ 41.5506, 0.2656,
0.2544

■ 352.6166, 0.2895,
0.2908

■ 28.7496, 0.2596,
0.2457

■ 77.5190, 0.2743,
0.2673

■ 18.8915, 0.2520,
0.2348

■ 101.4552, 0.2776,
0.2723

■ 11.5919, 0.2419,
0.2207

■ 129.8719, 0.2803,
0.2765

■ 6.4664, 0.2280,
0.2019

■ 163.1534, 0.2827,
0.2801

■ 3.1307, 0.2079,
0.1759

■ 201.6843, 0.2847,
0.2833

■ 1.2004, 0.1770,
0.1386

■ 245.8489, 0.2865,

■ 0.0620, 0.1108,

0.2861

0.0197

296.0315, 0.2881,
0.2886

0.0000, 0.0000,
0.0000

41.5506, 0.2656,
0.2544

41.5506, 0.2656,
0.2544

32.0095, 0.2452,
0.2217

52.8503, 0.2845,
0.2845

24.1338, 0.2241,
0.1874

65.9856, 0.3015,
0.3114

17.8296, 0.2033,
0.1532

81.0348, 0.3166,
0.3350

12.9913, 0.1844,
0.1216

97.9229, 0.3292,
0.3556

9.5006, 0.1688,
0.0950

98.3254, 0.3292,
0.3562

■ 7.2205, 0.1577,
0.0756

■ 5.9821, 0.1517,
0.0642

■ 5.7870, 0.1507,
0.0623

Harmonies

Analogous

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



41.5506, 0.2368, 0.2589



41.5506, 0.2656, 0.2544



41.5506, 0.3088, 0.2669

Triad

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



41.5506, 0.2656, 0.2544



41.5506, 0.4065, 0.3655



41.5506, 0.2677, 0.3683

Complementary

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



41.5506, 0.2656, 0.2544



72.3328, 0.3547, 0.3941

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.



41.5506, 0.3110, 0.4039



41.5506, 0.2656, 0.2544



41.5506, 0.3923, 0.3975

Square

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



41.5506, 0.2656, 0.2544



41.5506, 0.3933, 0.3281



41.5506, 0.3568, 0.4136



41.5506, 0.2377, 0.3217

Rectangle

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



41.5506, 0.2656, 0.2544



41.5506, 0.3409, 0.2831



41.5506, 0.3568, 0.4136



41.5506, 0.2811, 0.3823

Sweetspot

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



41.5522, 0.2656, 0.2544



84.5734, 0.3003, 0.3095



68.3046, 0.2747, 0.3326



17.5201, 0.2978, 0.3056



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.



41.5522, 0.2656, 0.2544



46.5070, 0.2537, 0.2354



43.7708, 0.2872, 0.2551



13.9996, 0.2980, 0.3059



3.4239, 0.1509, 0.0632



0.2931, 0.1533, 0.0720

Inverse Universe

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



46.0597, 0.3690, 0.3256



53.4229, 0.3862, 0.3249



69.8012, 0.3330, 0.4020



14.3794, 0.3285, 0.3279



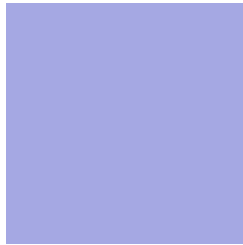
9.5434, 0.6347, 0.3270



0.7093, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 41.5506, 0.2656, 0.2544 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 41.5506, 0.2656, 0.2544 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 41.5506, 0.2656, 0.2544

Background



This preview shows how black text looks on a background with the Yxy color 41.5506, 0.2656, 0.2544.



This preview shows how white text looks on a background with the Yxy color 41.5506, 0.2656, 0.2544.

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

41.5506, 0.2656, 0.2544

Protanopia

41.4745, 0.2581, 0.2535

Deuteranopia

41.7691, 0.2622, 0.2563



Tritanopia

41.5022, 0.2866, 0.3096

Trichromacy



Original Color

41.5506, 0.2656, 0.2544

Protanomaly

41.3483, 0.2607, 0.2537

Deuteranomaly

41.6034, 0.2635, 0.2552

Tritanomaly

41.2904, 0.2786, 0.2874

Monochromacy



Original Color

41.5506, 0.2656, 0.2544

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0132, 0.2950, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5506, 0.2656, 0.2544 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(165, 168, 227)` looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 227)  
}
```

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(165, 168, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 227) }
```

Border

The CSS property to change the border of an element to Yxy 41.5506, 0.2656, 0.2544 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(165, 168, 227) }
```

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

```
.border{ border-color:rgb(165, 168, 227) }
```

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

Here you see how a box with a 4 pixel rgb(165, 168, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 227);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5506, 0.2656, 0.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 227) }
```

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

```
.background{ background-color: rgb(165,  
168, 227) }
```

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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