

Converting Colors

$Y_{xy}(42.2818, 0.2674, 0.2670)$

Have a look what the booklet for
Yxy(42.2818, 0.2674, 0.2670)
contains.

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Color

Yxy(42.2494, 0.2677, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	A1ACDC
RGB	161, 172, 220
RGB Percent	63%, 67%, 86%
CMY	0.3688, 0.3254, 0.1373
CMYK	0.27, 0.22, 0.00, 0.14
HSL	229°, 46%, 75%
HSV	229°, 27%, 86%
XYZ	42.3602, 42.2494, 73.6279
YIQ	174.1830, -21.9640, 12.5960

Conversions

Conversions Part 2

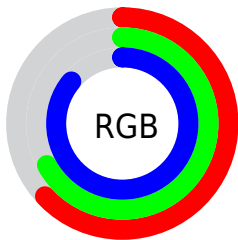
Format	Color
R _Y B	161, 170, 220
Decimal	10595548
CIE Lab	71.04, 6.74, -25.47
CIE LCh	71, 26.349, 284.821
Yxy	42.2494, 0.2677, 0.2670
Android (android.graphics.Color)	4288785628 (0xFFA1ACDC)
YUV	174.1830, 22.5878, -11.5615
Hunter-Lab	64.9995, 2.5792, -21.6608

Details

The Yxy color **42.2494, 0.2677, 0.2670** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.3508, 0.3561, 0.3842**, and the grayscale version is **42.3135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9099, 0.2889, 0.2997**, and **19.3377, 0.2547, 0.2501** is the 20% darker color. If you saturate the color by 10%, you get **33.8103, 0.2486, 0.2392**, and if you desaturate by 10%, it is **52.0092, 0.2857, 0.2924**.

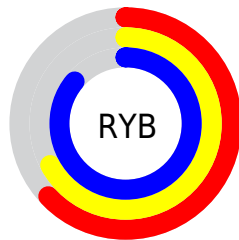
Distribution



Red (63%)

Green (67%)

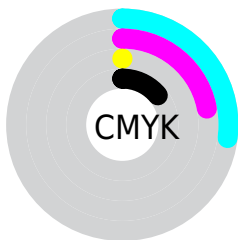
Blue (86%)



Red (63%)

Yellow (67%)

Blue (86%)

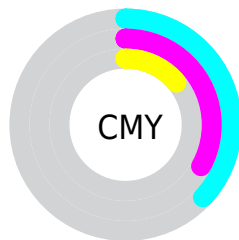


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (14%)



Cyan (37%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2494, 0.2677, 0.2670 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 42.2494, 0.2677, 0.2670 by changing the saturation by 10% instead.

■ 42.2494, 0.2677,
0.2670

■ 42.2494, 0.2677,
0.2670

■ 355.5158, 0.2904,
0.2976

■ 29.2966, 0.2620,
0.2596

■ 78.5769, 0.2760,
0.2780

■ 19.3053, 0.2548,
0.2502

■ 102.7205, 0.2790,
0.2821

■ 11.8911, 0.2452,
0.2379

■ 131.3631, 0.2817,
0.2857

■ 6.6696, 0.2320,
0.2213

■ 164.8892, 0.2839,
0.2887

■ 3.2563, 0.2128,
0.1978

■ 203.6831, 0.2859,
0.2914

■ 1.2670, 0.1829,
0.1626

■ 248.1292, 0.2876,

■ 0.1154, 0.1040,

0.2937

0.0438

298.6120, 0.2891,
0.2957

0.0000, 0.0000,
0.0000

42.2494, 0.2677,
0.2670

42.2494, 0.2677,
0.2670

33.8103, 0.2486,
0.2392

52.0092, 0.2857,
0.2924

26.6294, 0.2290,
0.2096

63.1384, 0.3023,
0.3150

20.6468, 0.2097,
0.1792

75.6894, 0.3173,
0.3350

15.7955, 0.1917,
0.1494

89.7103, 0.3308,
0.3525

12.0014, 0.1762,
0.1219

97.9470, 0.3334,
0.3631

■ 9.1814, 0.1642,
0.0986

■ 7.2362, 0.1564,
0.0807

■ 6.7696, 0.1545,
0.0763

Harmonies

Analogous

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



42.2494, 0.2469, 0.2747



42.2494, 0.2677, 0.2670



42.2494, 0.3013, 0.2742

Triad

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



42.2494, 0.2677, 0.2670



42.2494, 0.3883, 0.3531



42.2494, 0.2836, 0.3683

Complementary

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



42.2494, 0.2677, 0.2670



63.3508, 0.3561, 0.3842

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.



42.2494, 0.3205, 0.3927



42.2494, 0.2677, 0.2670



42.2494, 0.3820, 0.3806

Square

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



42.2494, 0.2677, 0.2670



42.2494, 0.3727, 0.3219



42.2494, 0.3567, 0.3963



42.2494, 0.2556, 0.3320

Rectangle

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



42.2494, 0.2677, 0.2670



42.2494, 0.3272, 0.2861



42.2494, 0.3567, 0.3963



42.2494, 0.2953, 0.3783

Sweetspot

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



42.2511, 0.2677, 0.2670



86.2105, 0.3003, 0.3124



63.3186, 0.2805, 0.3436



17.9285, 0.2979, 0.3091



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.



42.2511, 0.2677, 0.2670



52.4148, 0.2575, 0.2522



40.1830, 0.2805, 0.2552



13.0102, 0.2981, 0.3094



4.0931, 0.1551, 0.0783



0.3833, 0.1630, 0.1069

Inverse Universe

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



43.6664, 0.3596, 0.3159



54.9617, 0.3727, 0.3132



66.3507, 0.3394, 0.3989



13.0912, 0.3262, 0.3246



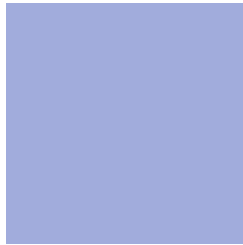
9.0370, 0.6098, 0.3133



0.5974, 0.5656, 0.2889

Previews

White Background



This preview shows how the Yxy color 42.2494, 0.2677, 0.2670 looks on a white background.

Color Contrast Check

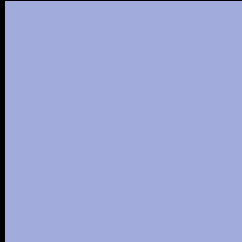
Large Text (above 18pt) WCAG AA × Fail

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 42.2494, 0.2677, 0.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

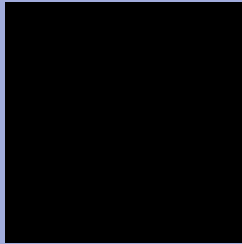
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2494, 0.2677, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 42.2494, 0.2677, 0.2670.



This preview shows how white text looks on a background with the Yxy color 42.2494, 0.2677, 0.2670.

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

42.2494, 0.2677, 0.2670

Protanopia

42.3537, 0.2685, 0.2671

Deuteranopia

42.0237, 0.2712, 0.2650



Tritanopia

42.1744, 0.2837, 0.3096

Trichromacy



Original Color

42.2494, 0.2677, 0.2670

Protanomaly

42.3537, 0.2685, 0.2671

Deuteranomaly

42.1856, 0.2698, 0.2660

Tritanomaly

42.0923, 0.2773, 0.2925

Monochromacy



Original Color

42.2494, 0.2677, 0.2670

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0837, 0.2949, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2494, 0.2677, 0.2670 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(161, 172, 220)` looks like.

```
.text, #text, p{  
    color:rgb(161, 172, 220)  
}
```

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(161, 172, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 172, 220) }
```

Border

The CSS property to change the border of an element to Yxy 42.2494, 0.2677, 0.2670 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(161, 172, 220) }
```

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

```
.border{ border-color:rgb(161, 172, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 172, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 172, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 172, 220);  
box-shadow:4px 4px 4px 4px rgb(161, 172,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2494, 0.2677, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 172, 220) }
```

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

```
.background{ background-color: rgb(161,  
172, 220) }
```

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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