

Converting Colors

$Y_{xy}(44.3129, 0.2793, 0.2601)$

Have a look what the booklet for
Yxy(44.3129, 0.2793, 0.2601)
contains.

Yxy(44.2406, 0.2788, 0.2595)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.2406, 0.2788, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	B6AAE3
RGB	182, 170, 227
RGB Percent	71%, 67%, 89%
CMY	0.2863, 0.3333, 0.1098
CMYK	0.20, 0.25, 0.00, 0.11
HSL	253°, 50%, 78%
HSV	253°, 25%, 89%
XYZ	47.5309, 44.2406, 78.7125
YIQ	180.0860, -11.1450, 20.2710

Conversions

Conversions Part 2

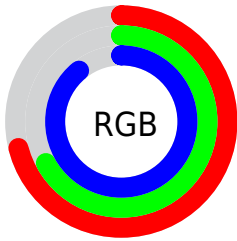
Format	Color
R _{YB}	182, 170, 227
Decimal	11971299
CIE Lab	72.39, 15.88, -27.10
CIE LCh	72, 31.414, 300.373
Yxy	44.2406, 0.2788, 0.2595
Android (android.graphics.Color)	4290161379 (0xFFB6AAE3)
YUV	180.0860, 23.1286, 1.6786
Hunter-Lab	66.5136, 11.1581, -23.6045

Details

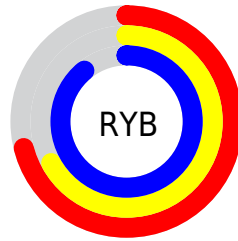
The Yxy color $44.2406, 0.2788, 0.2595$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72.2949, 0.3416, 0.3935$, and the grayscale version is $45.5692, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.2476, 0.3026, 0.2989$, and $20.4863, 0.2690, 0.2424$ is the 20% darker color. If you saturate the color by 10%, you get $34.4087, 0.2622, 0.2274$, and if you desaturate by 10%, it is $55.8250, 0.2937, 0.2893$.

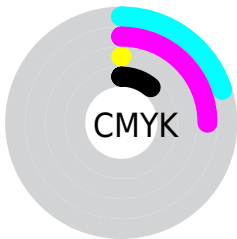
Distribution



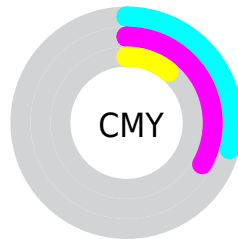
- Red (71%)
- Green (67%)
- Blue (89%)



- Red (71%)
- Yellow (67%)
- Blue (89%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2406, 0.2788, 0.2595 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 44.2406, 0.2788, 0.2595 by changing the saturation by 10% instead.

■ 44.2406, 0.2788,
0.2595

■ 44.2406, 0.2788,
0.2595

■ 363.6892, 0.2961,
0.2930

■ 30.8597, 0.2745,
0.2516

■ 81.5797, 0.2851,
0.2713

■ 20.4920, 0.2689,
0.2417

■ 106.3066, 0.2875,
0.2759

■ 12.7532, 0.2614,
0.2289

■ 135.5844, 0.2895,
0.2798

■ 7.2588, 0.2512,
0.2120

■ 169.7974, 0.2912,
0.2831

■ 3.6245, 0.2361,
0.1887

■ 209.3299, 0.2926,
0.2861

■ 1.4658, 0.2124,
0.1549

■ 254.5665, 0.2939,

■ 0.2645, 0.1741,

0.2886

0.0720

305.8915, 0.2951,
0.2909

0.0000, 0.0000,
0.0000

44.2406, 0.2788,
0.2595

44.2406, 0.2788,
0.2595

34.4087, 0.2622,
0.2274

55.8250, 0.2937,
0.2893

26.2378, 0.2442,
0.1940

69.2366, 0.3067,
0.3163

19.6363, 0.2254,
0.1607

84.5521, 0.3180,
0.3404

14.5015, 0.2068,
0.1296

98.0804, 0.3283,
0.3562

10.7180, 0.1896,
0.1029

98.3265, 0.3292,
0.3562

■ 8.1526, 0.1750,
0.0825

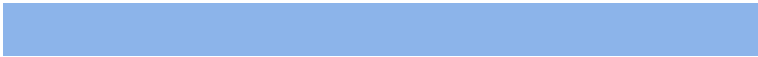
■ 6.6439, 0.1640,
0.0696

■ 6.1689, 0.1598,
0.0654

Harmonies

Analogous

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



44.2406, 0.2465, 0.2589



44.2406, 0.2788, 0.2595



44.2406, 0.3226, 0.2757

Triad

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



44.2406, 0.2788, 0.2595



44.2406, 0.4008, 0.3740



44.2406, 0.2597, 0.3537

Complementary

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



44.2406, 0.2788, 0.2595



72.2949, 0.3416, 0.3935

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.



44.2406, 0.2983, 0.3923



44.2406, 0.2788, 0.2595



44.2406, 0.3805, 0.4010

Square

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



44.2406, 0.2788, 0.2595



44.2406, 0.3959, 0.3389



44.2406, 0.3426, 0.4096



44.2406, 0.2360, 0.3098

Rectangle

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



44.2406, 0.2788, 0.2595



44.2406, 0.3527, 0.2935



44.2406, 0.3426, 0.4096



44.2406, 0.2712, 0.3680

Sweetspot

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



44.2424, 0.2788, 0.2595



84.7397, 0.3031, 0.3087



63.0040, 0.2747, 0.3153



17.5618, 0.3011, 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.



44.2424, 0.2788, 0.2595



50.8080, 0.2706, 0.2434



47.9858, 0.3013, 0.2639



14.0325, 0.3013, 0.3049



3.6380, 0.1609, 0.0660



0.3083, 0.1746, 0.0735

Inverse Universe

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



49.9907, 0.3255, 0.2790



59.5267, 0.3286, 0.2686



68.4233, 0.3212, 0.3978



14.5606, 0.3170, 0.3106



11.4459, 0.3823, 0.1880



0.8589, 0.3716, 0.1821

Previews

White Background



This preview shows how the Yxy color 44.2406, 0.2788, 0.2595 looks on a white background.

Color Contrast Check

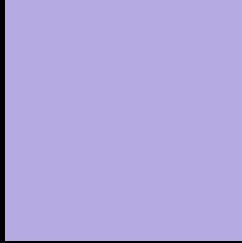
Large Text (above 18pt) WCAG AA × Fail

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 44.2406, 0.2788, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

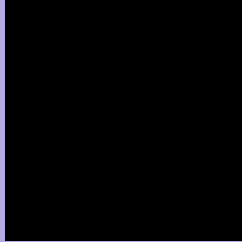
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2406, 0.2788, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 44.2406, 0.2788, 0.2595.



This preview shows how white text looks on a background with the Yxy color 44.2406, 0.2788, 0.2595.

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

44.2406, 0.2788, 0.2595

Protanopia

44.2160, 0.2626, 0.2588

Deuteranopia

44.1981, 0.2700, 0.2638



Tritanopia

44.3198, 0.2999, 0.3106

Trichromacy



Original Color

44.2406, 0.2788, 0.2595

Protanomaly

44.1464, 0.2680, 0.2583

Deuteranomaly

44.3768, 0.2736, 0.2632

Tritanomaly

44.0967, 0.2925, 0.2905

Monochromacy



Original Color

44.2406, 0.2788, 0.2595

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9056, 0.3003, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2406, 0.2788, 0.2595 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(182, 170, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 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(182, 170, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 227) }
```

Border

The CSS property to change the border of an element to Yxy 44.2406, 0.2788, 0.2595 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(182, 170, 227) }
```

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

```
.border{ border-color:rgb(182, 170, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2406, 0.2788, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 227) }
```

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

```
.background{ background-color: rgb(182,  
170, 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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