

Converting Colors

$Y_{xy}(48.2207, 0.2749, 0.2589)$

Have a look what the booklet for
Yxy(48.2207, 0.2749, 0.2589)
contains.

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Color

Yxy(48.2695, 0.2750, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	B9B2ED
RGB	185, 178, 237
RGB Percent	73%, 70%, 93%
CMY	0.2746, 0.3019, 0.0706
CMYK	0.22, 0.25, 0.00, 0.07
HSL	247°, 62%, 81%
HSV	247°, 25%, 93%
XYZ	51.2119, 48.2695, 86.7436
YIQ	186.8190, -14.7670, 19.8330

Conversions

Conversions Part 2

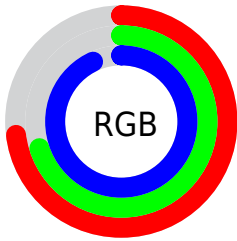
Format	Color
R _Y B	185, 178, 237
Decimal	12169965
CIE Lab	74.99, 14.64, -28.52
CIE LCh	75, 32.058, 297.181
Yxy	48.2695, 0.2750, 0.2592
Android (android.graphics.Color)	4290360045 (0xFFB9B2ED)
YUV	186.8190, 24.7392, -1.5953
Hunter-Lab	69.4763, 9.9912, -25.3923

Details

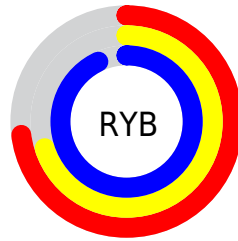
The Yxy color $48.2695, 0.2750, 0.2592$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.6153, 0.3453, 0.3922$, and the grayscale version is $49.4513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9429, 0.3051, 0.3082$, and $22.8287, 0.2644, 0.2412$ is the 20% darker color. If you saturate the color by 10%, you get $37.2296, 0.2566, 0.2263$, and if you desaturate by 10%, it is $61.3246, 0.2916, 0.2895$.

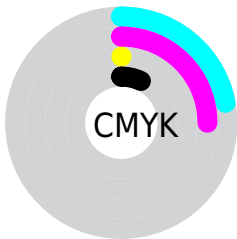
Distribution



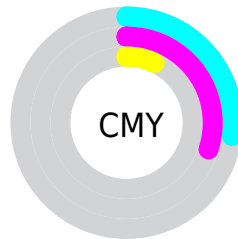
- Red (73%)
- Green (70%)
- Blue (93%)



- Red (73%)
- Yellow (70%)
- Blue (93%)



- Cyan (22%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2695, 0.2750, 0.2592 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 48.2695, 0.2750, 0.2592 by changing the saturation by 10% instead.

■ 48.2695, 0.2750,
0.2592

■ 48.2695, 0.2750,
0.2592

379.8594, 0.2938,
0.2924

■ 34.0404, 0.2704,
0.2515

■ 87.6055, 0.2818,
0.2708

■ 22.9246, 0.2645,
0.2419

113.4812, 0.2844,
0.2753

■ 14.5378, 0.2568,
0.2296

144.0078, 0.2865,
0.2792

■ 8.4957, 0.2463,
0.2136

179.5698, 0.2884,
0.2825

■ 4.4137, 0.2313,
0.1917

220.5516, 0.2900,
0.2854

■ 1.9076, 0.2086,
0.1606

267.3375, 0.2915,

■ 0.5529, 0.1724,

0.2880

0.1079

320.3120, 0.2927,
0.2903

0.0000, 0.0000,
0.0000

48.2695, 0.2750,
0.2592

48.2695, 0.2750,
0.2592

37.2296, 0.2566,
0.2263

61.3246, 0.2916,
0.2895

28.0987, 0.2369,
0.1918

76.4824, 0.3063,
0.3168

20.7697, 0.2167,
0.1573

93.8323, 0.3190,
0.3409

15.1224, 0.1972,
0.1253

98.8949, 0.3232,
0.3464

11.0221, 0.1799,
0.0980

■ 8.3130, 0.1661,
0.0778

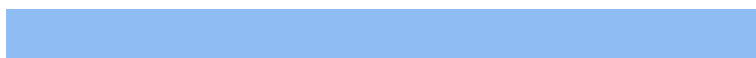
■ 6.8059, 0.1568,
0.0657

■ 6.3622, 0.1536,
0.0620

Harmonies

Analogous

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



48.2695, 0.2446, 0.2604



48.2695, 0.2750, 0.2592



48.2695, 0.3176, 0.2738

Triad

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



48.2695, 0.2750, 0.2592



48.2695, 0.4007, 0.3702



48.2695, 0.2636, 0.3581

Complementary

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



48.2695, 0.2750, 0.2592



80.6153, 0.3453, 0.3922

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.



48.2695, 0.3031, 0.3947



48.2695, 0.2750, 0.2592



48.2695, 0.3831, 0.3983

Square

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



48.2695, 0.2750, 0.2592



48.2695, 0.3931, 0.3350



48.2695, 0.3469, 0.4091



48.2695, 0.2382, 0.3144

Rectangle

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



48.2695, 0.2750, 0.2592



48.2695, 0.3478, 0.2907



48.2695, 0.3469, 0.4091



48.2695, 0.2756, 0.3720

Sweetspot

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



48.2714, 0.2750, 0.2592



86.2715, 0.3033, 0.3113



72.2437, 0.2754, 0.3210



18.2251, 0.3024, 0.3097



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.



48.2714, 0.2750, 0.2592



49.8942, 0.2656, 0.2423



52.3139, 0.2975, 0.2636



14.6342, 0.2998, 0.3048



3.5022, 0.1544, 0.0624



0.3030, 0.1635, 0.0675

Inverse Universe

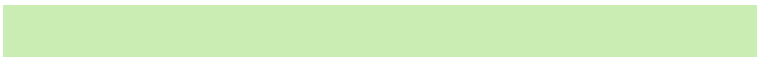
The Inverse Universe completely reimagines the original color for something new.



55.5647, 0.3211, 0.2739



59.9510, 0.3231, 0.2622



76.1530, 0.3245, 0.3966



15.2813, 0.3156, 0.3085



12.3552, 0.3531, 0.1719



0.9789, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 48.2695, 0.2750, 0.2592 looks on a white background.

Color Contrast Check

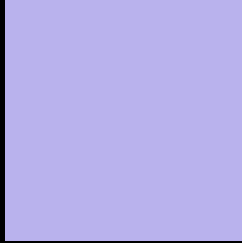
Large Text (above 18pt) WCAG AA × Fail

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 48.2695, 0.2750, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

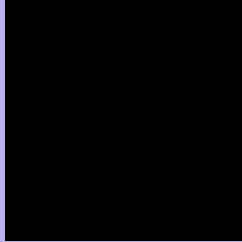
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2695, 0.2750, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 48.2695, 0.2750, 0.2592.



This preview shows how white text looks on a background with the Yxy color 48.2695, 0.2750, 0.2592.

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

48.2695, 0.2750, 0.2592

Protanopia

48.1822, 0.2622, 0.2588

Deuteranopia

48.2178, 0.2687, 0.2626



Tritanopia

48.3330, 0.2957, 0.3098

Trichromacy



Original Color

48.2695, 0.2750, 0.2592

Protanomaly

48.3937, 0.2669, 0.2594

Deuteranomaly

48.2824, 0.2715, 0.2619

Tritanomaly

48.0838, 0.2886, 0.2904

Monochromacy



Original Color

48.2695, 0.2750, 0.2592

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1279, 0.2984, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2695, 0.2750, 0.2592 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(185, 178, 237)` looks like.

```
.text, #text, p{  
    color:rgb(185, 178, 237)  
}
```

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(185, 178, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 178, 237) }
```

Border

The CSS property to change the border of an element to Yxy 48.2695, 0.2750, 0.2592 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(185, 178, 237) }
```

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

```
.border{ border-color:rgb(185, 178, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 178, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 178, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 178, 237); box-shadow:4px 4px 4px 4px rgb(185, 178, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2695, 0.2750, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 178, 237) }
```

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

```
.background{ background-color: rgb(185,  
178, 237) }
```

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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