

Converting Colors

Yxy(44.5334, 0.2972, 0.2969)

Have a look what the booklet for
Yxy(44.5334, 0.2972, 0.2969)
contains.

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Color

Yxy(44.5334, 0.2972, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	B4AFC8
RGB	180, 175, 200
RGB Percent	71%, 69%, 78%
CMY	0.2941, 0.3137, 0.2157
CMYK	0.10, 0.12, 0.00, 0.22
HSL	252°, 19%, 74%
HSV	252°, 12%, 78%
XYZ	44.5784, 44.5334, 60.8828
YIQ	179.3450, -5.0450, 8.8350

Conversions

Conversions Part 2

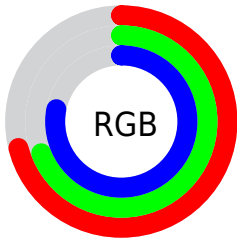
Format	Color
R_{YB}	180, 175, 200
Decimal	11841480
CIE _{Lab}	72.58, 6.65, -12.04
CIE _{LCh}	73, 13.754, 298.921
Yxy	44.5334, 0.2972, 0.2969
Android (android.graphics.Color)	4290031560 (0xFFB4AFC8)
YUV	179.3450, 10.1829, 0.5744
Hunter-Lab	66.7333, 2.4560, -7.3787

Details

The Yxy color $44.5334, 0.2972, 0.2969$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $55.9985, 0.3271, 0.3599$, and the grayscale version is $45.2210, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.2047, 0.3012, 0.3049$, and $20.7533, 0.2925, 0.2888$ is the 20% darker color. If you saturate the color by 10%, you get $35.5084, 0.2828, 0.2680$, and if you desaturate by 10%, it is $54.9364, 0.3098, 0.3230$.

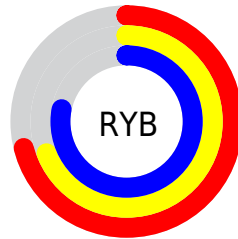
Distribution



Red (71%)

Green (69%)

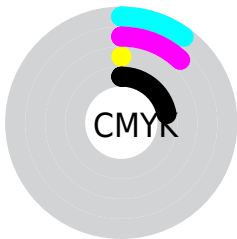
Blue (78%)



Red (71%)

Yellow (69%)

Blue (78%)

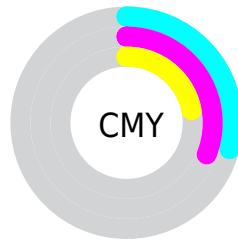


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5334, 0.2972, 0.2969 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 44.5334, 0.2972, 0.2969 by changing the saturation by 10% instead.

■ 44.5334, 0.2972,
0.2969

■ 44.5334, 0.2972,
0.2969

364.8805, 0.3051,
0.3128

■ 31.0901, 0.2952,
0.2930

■ 82.0198, 0.3001,
0.3026

■ 20.6674, 0.2926,
0.2880

106.8316, 0.3012,
0.3048

■ 12.8811, 0.2891,
0.2814

136.2017, 0.3021,
0.3066

■ 7.3467, 0.2842,
0.2723

170.5146, 0.3029,
0.3082

■ 3.6799, 0.2768,
0.2589

210.1544, 0.3035,
0.3096

■ 1.4962, 0.2643,
0.2375

255.5058, 0.3041,

■ 0.2860, 0.2302,

0.3108

0.1517

306.9530, 0.3046,
0.3119

0.0000, 0.0000,
0.0000

44.5334, 0.2972,
0.2969

44.5334, 0.2972,
0.2969

35.5084, 0.2828,
0.2680

54.9364, 0.3098,
0.3230

27.7978, 0.2665,
0.2367

66.7664, 0.3207,
0.3461

21.3414, 0.2488,
0.2036

80.0767, 0.3301,
0.3665

16.0719, 0.2302,
0.1703

94.9163, 0.3380,
0.3843

11.9158, 0.2114,
0.1384

96.9496, 0.3454,
0.3830

■ 8.7911, 0.1937,
0.1102

■ 6.6043, 0.1783,
0.0878

■ 5.2442, 0.1663,
0.0726

■ 4.6227, 0.1595,
0.0652

Harmonies

Analogous

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



44.5334, 0.2824, 0.2977



44.5334, 0.2972, 0.2969



44.5334, 0.3166, 0.3040

Triad

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



44.5334, 0.2972, 0.2969



44.5334, 0.3512, 0.3496



44.5334, 0.2901, 0.3407

Complementary

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



44.5334, 0.2972, 0.2969



55.9985, 0.3271, 0.3599

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.



44.5334, 0.3080, 0.3560



44.5334, 0.2972, 0.2969



44.5334, 0.3435, 0.3606

Square

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



44.5334, 0.2972, 0.2969



44.5334, 0.3482, 0.3338



44.5334, 0.3275, 0.3633



44.5334, 0.2784, 0.3225

Rectangle

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



44.5334, 0.2972, 0.2969



44.5334, 0.3295, 0.3124



44.5334, 0.3275, 0.3633



44.5334, 0.2956, 0.3464

Sweetspot

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



44.5353, 0.2972, 0.2969



92.1498, 0.3080, 0.3191



52.3106, 0.2937, 0.3226



19.4176, 0.3071, 0.3172



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.



44.5353, 0.2972, 0.2969



72.6312, 0.2934, 0.2893



46.1015, 0.3077, 0.2979



10.3882, 0.3013, 0.3053



2.9702, 0.1605, 0.0658



0.1717, 0.1807, 0.0769

Inverse Universe

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



46.8781, 0.3182, 0.3045



77.4928, 0.3196, 0.2990



54.4049, 0.3171, 0.3609



10.7788, 0.3168, 0.3107



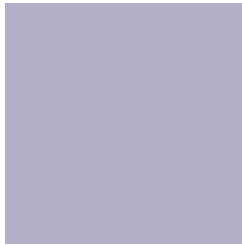
9.4323, 0.3786, 0.1859



0.4562, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 44.5334, 0.2972, 0.2969 looks on a white background.

Color Contrast Check

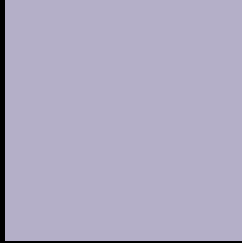
Large Text (above 18pt) WCAG AA × Fail

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 44.5334, 0.2972, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

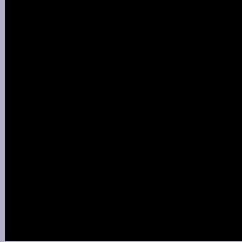
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5334, 0.2972, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 44.5334, 0.2972, 0.2969.



This preview shows how white text looks on a background with the Yxy color 44.5334, 0.2972, 0.2969.

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

44.5334, 0.2972, 0.2969

Protanopia

44.6600, 0.2916, 0.2978

Deuteranopia

44.3716, 0.3014, 0.2947



Tritanopia

44.6708, 0.3025, 0.3107

Trichromacy



Original Color

44.5334, 0.2972, 0.2969

Protanomaly

44.4978, 0.2931, 0.2967

Deuteranomaly

44.5095, 0.2997, 0.2958

Tritanomaly

44.5294, 0.3010, 0.3056

Monochromacy



Original Color

44.5334, 0.2972, 0.2969

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0124, 0.3064, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5334, 0.2972, 0.2969 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(180, 175, 200)` looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 200)  
}
```

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(180, 175, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 200) }
```

Border

The CSS property to change the border of an element to Yxy 44.5334, 0.2972, 0.2969 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(180, 175, 200) }
```

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

```
.border{ border-color:rgb(180, 175, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 175, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 175, 200);  
box-shadow:4px 4px 4px 4px rgb(180, 175,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5334, 0.2972, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 200) }
```

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

```
.background{ background-color: rgb(180,  
175, 200) }
```

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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