

Converting Colors

$Yxy(42.1334, 0.2917, 0.2907)$

Have a look what the booklet for
Yxy(42.1334, 0.2917, 0.2907)
contains.

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Color

Yxy(42.2946, 0.2921, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	AEABC8
RGB	174, 171, 200
RGB Percent	68%, 67%, 78%
CMY	0.3177, 0.3294, 0.2158
CMYK	0.13, 0.14, 0.00, 0.22
HSL	246°, 21%, 73%
HSV	246°, 14%, 78%
XYZ	42.4399, 42.2946, 60.5578
YIQ	175.2030, -7.5210, 9.6550

Conversions

Conversions Part 2

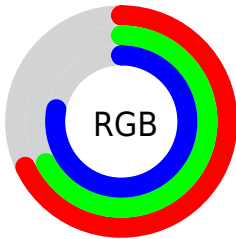
Format	Color
RYB	174, 171, 200
Decimal	11447240
CIELab	71.07, 6.85, -14.35
CIELCh	71, 15.898, 295.507
Yxy	42.2946, 0.2921, 0.2911
Android (android.graphics.Color)	4289637320 (0xFFAEABC8)
YUV	175.2030, 12.2249, -1.0550
Hunter-Lab	65.0343, 2.6750, -9.6849

Details

The Yxy color **42.2946, 0.2921, 0.2911** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.1106, 0.3318, 0.3648**, and the grayscale version is **42.9185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4357, 0.2973, 0.2994**, and **19.3339, 0.2855, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **33.3791, 0.2755, 0.2612**, and if you desaturate by 10%, it is **52.6318, 0.3068, 0.3180**.

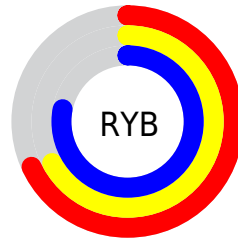
Distribution



Red (68%)

Green (67%)

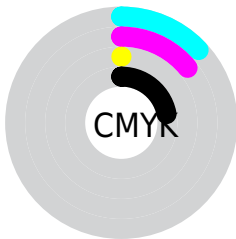
Blue (78%)



Red (68%)

Yellow (67%)

Blue (78%)

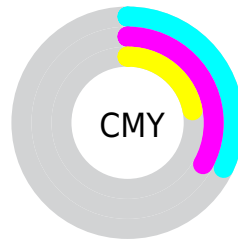


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2946, 0.2921, 0.2911 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 42.2946, 0.2921, 0.2911 by changing the saturation by 10% instead.

■ 42.2946, 0.2921,
0.2911

■ 42.2946, 0.2921,
0.2911

355.7027, 0.3026,
0.3100

■ 29.3320, 0.2894,
0.2864

■ 78.6453, 0.2960,
0.2979

■ 19.3321, 0.2859,
0.2804

102.8022, 0.2974,
0.3005

■ 11.9105, 0.2812,
0.2725

131.4594, 0.2986,
0.3027

■ 6.6828, 0.2745,
0.2615

165.0012, 0.2997,
0.3046

■ 3.2645, 0.2644,
0.2453

203.8120, 0.3006,
0.3062

■ 1.2713, 0.2473,
0.2193

248.2763, 0.3013,

■ 0.1188, 0.1817,

0.3076

0.0771

298.7784, 0.3020,
0.3089

0.0000, 0.0000,
0.0000

42.2946, 0.2921,
0.2911

42.2946, 0.2921,
0.2911

33.3791, 0.2755,
0.2612

52.6318, 0.3068,
0.3180

25.8180, 0.2571,
0.2286

64.4437, 0.3195,
0.3417

19.5466, 0.2374,
0.1944

77.7869, 0.3305,
0.3624

14.4924, 0.2172,
0.1600

92.7135, 0.3399,
0.3804

10.5762, 0.1977,
0.1278

96.9492, 0.3454,
0.3830

■ 7.7090, 0.1803,
0.1001

■ 5.7886, 0.1663,
0.0792

■ 4.6922, 0.1568,
0.0663

■ 4.3240, 0.1533,
0.0618

Harmonies

Analogous

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



42.2946, 0.2758, 0.2930



42.2946, 0.2921, 0.2911



42.2946, 0.3145, 0.2985

Triad

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



42.2946, 0.2921, 0.2911



42.2946, 0.3583, 0.3511



42.2946, 0.2883, 0.3452

Complementary

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



42.2946, 0.2921, 0.2911



56.1106, 0.3318, 0.3648

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.



42.2946, 0.3097, 0.3625



42.2946, 0.2921, 0.2911



42.2946, 0.3505, 0.3651

Square

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



42.2946, 0.2921, 0.2911



42.2946, 0.3534, 0.3322



42.2946, 0.3325, 0.3697



42.2946, 0.2736, 0.3236

Rectangle

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



42.2946, 0.2921, 0.2911



42.2946, 0.3299, 0.3077



42.2946, 0.3325, 0.3697



42.2946, 0.2949, 0.3518

Sweetspot

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



42.2964, 0.2921, 0.2911



91.9694, 0.3074, 0.3191



52.7987, 0.2908, 0.3252



19.3721, 0.3063, 0.3171



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.



42.2964, 0.2921, 0.2911



68.7477, 0.2877, 0.2831



44.0401, 0.3043, 0.2925



10.3388, 0.2998, 0.3052



2.7687, 0.1539, 0.0622



0.1492, 0.1663, 0.0690

Inverse Universe

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



45.4376, 0.3168, 0.2971



75.1083, 0.3177, 0.2909



54.2583, 0.3201, 0.3661



10.7971, 0.3153, 0.3085



9.8959, 0.3484, 0.1693



0.4741, 0.3419, 0.1657

Previews

White Background



This preview shows how the Yxy color 42.2946, 0.2921, 0.2911 looks on a white background.

Color Contrast Check

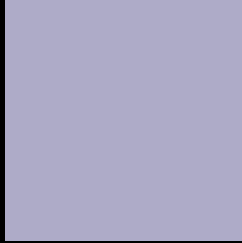
Large Text (above 18pt) WCAG AA × Fail

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 42.2946, 0.2921, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

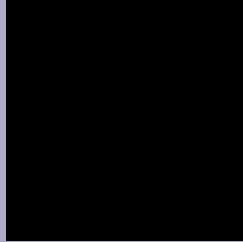
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2946, 0.2921, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 42.2946, 0.2921, 0.2911.



This preview shows how white text looks on a background with the Yxy color 42.2946, 0.2921, 0.2911.

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

42.2946, 0.2921, 0.2911

Protanopia

42.5392, 0.2873, 0.2921

Deuteranopia

42.3846, 0.2954, 0.2901



Tritanopia

42.2457, 0.3005, 0.3102

Trichromacy



Original Color

42.2946, 0.2921, 0.2911

Protanomaly

42.3800, 0.2889, 0.2909

Deuteranomaly

42.2667, 0.2946, 0.2900

Tritanomaly

42.1951, 0.2974, 0.3024

Monochromacy



Original Color

42.2946, 0.2921, 0.2911

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8468, 0.3055, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2946, 0.2921, 0.2911 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(174, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 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(174, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 200) }
```

Border

The CSS property to change the border of an element to Yxy 42.2946, 0.2921, 0.2911 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(174, 171, 200) }
```

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

```
.border{ border-color:rgb(174, 171, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2946, 0.2921, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 200) }
```

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

```
.background{ background-color: rgb(174,  
171, 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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