

Converting Colors

Yxy(52.5619, 0.2900, 0.2953)

Have a look what the booklet for
Yxy(52.5619, 0.2900, 0.2953)
contains.

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Color

Yxy(52.4537, 0.2901, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	BBBEDA
RGB	187, 190, 218
RGB Percent	73%, 75%, 85%
CMY	0.2666, 0.2549, 0.1451
CMYK	0.14, 0.13, 0.00, 0.15
HSL	234°, 29%, 79%
HSV	234°, 14%, 85%
XYZ	51.5650, 52.4537, 73.7302
YIQ	192.2950, -10.7760, 8.0720

Conversions

Conversions Part 2

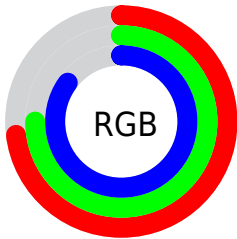
Format	Color
RYB	187, 190, 218
Decimal	12304090
CIELab	77.55, 4.56, -14.33
CIELCh	78, 15.039, 287.637
Yxy	52.4537, 0.2901, 0.2951
Android (android.graphics.Color)	4290494170 (0xFFBBBEDA)
YUV	192.2950, 12.6726, -4.6437
Hunter-Lab	72.4249, 0.3445, -9.6611

Details

The Yxy color $52.4537, 0.2901, 0.2951$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $67.1028, 0.3344, 0.3608$, and the grayscale version is $52.8257, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.1862, 0.3055, 0.3202$, and $25.6040, 0.2845, 0.2869$ is the 20% darker color. If you saturate the color by 10%, you get $41.9448, 0.2720, 0.2676$, and if you desaturate by 10%, it is $64.5384, 0.3064, 0.3196$.

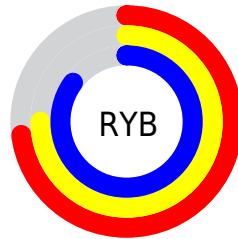
Distribution



Red (73%)

Green (75%)

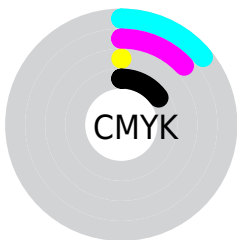
Blue (85%)



Red (73%)

Yellow (75%)

Blue (85%)

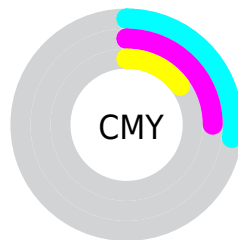


Cyan (14%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (27%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4537, 0.2901, 0.2951 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 52.4537, 0.2901, 0.2951 by changing the saturation by 10% instead.

■ 52.4537, 0.2901,
0.2951

■ 52.4537, 0.2901,
0.2951

■ 396.1856, 0.3012,
0.3115

■ 37.3668, 0.2874,
0.2912

■ 93.8000, 0.2941,
0.3009

■ 25.4916, 0.2840,
0.2863

■ 120.8282, 0.2956,
0.3031

■ 16.4437, 0.2795,
0.2799

■ 152.6057, 0.2969,
0.3050

■ 9.8387, 0.2734,
0.2713

■ 189.5168, 0.2980,
0.3067

■ 5.2921, 0.2646,
0.2591

■ 231.9460, 0.2989,
0.3081

■ 2.4197, 0.2509,
0.2405

■ 280.2776, 0.2998,

■ 0.8360, 0.2269,

0.3094

0.2090

334.8960, 0.3005,
0.3105

0.0000, 0.0000,
0.0000

52.4537, 0.2901,
0.2951

52.4537, 0.2901,
0.2951

41.9448, 0.2720,
0.2676

64.5384, 0.3064,
0.3196

32.9403, 0.2525,
0.2373

78.2532, 0.3209,
0.3411

25.3732, 0.2320,
0.2049

93.6580, 0.3336,
0.3597

19.1689, 0.2115,
0.1719

97.8415, 0.3346,
0.3651

14.2458, 0.1922,
0.1398

■ 10.5137, 0.1755,
0.1111

■ 7.8706, 0.1627,
0.0879

■ 6.1967, 0.1545,
0.0718

■ 5.5957, 0.1516,
0.0656

Harmonies

Analogous

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



52.4537, 0.2776, 0.2992



52.4537, 0.2901, 0.2951



52.4537, 0.3089, 0.2995

Triad

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



52.4537, 0.2901, 0.2951



52.4537, 0.3527, 0.3445



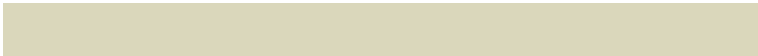
52.4537, 0.2957, 0.3478

Complementary

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



52.4537, 0.2901, 0.2951



67.1028, 0.3344, 0.3608

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.



52.4537, 0.3155, 0.3610



52.4537, 0.2901, 0.2951



52.4537, 0.3488, 0.3583

Square

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



52.4537, 0.2901, 0.2951



52.4537, 0.3455, 0.3274



52.4537, 0.3350, 0.3647



52.4537, 0.2808, 0.3293

Rectangle

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



52.4537, 0.2901, 0.2951



52.4537, 0.3227, 0.3066



52.4537, 0.3350, 0.3647



52.4537, 0.3020, 0.3530

Sweetspot

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



52.4559, 0.2901, 0.2951



92.3742, 0.3067, 0.3200



65.6075, 0.2931, 0.3326



19.4740, 0.3055, 0.3182



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.



52.4559, 0.2901, 0.2951



70.1817, 0.2850, 0.2873



52.8109, 0.2996, 0.2925



12.8173, 0.2981, 0.3072



3.4230, 0.1519, 0.0669



0.2922, 0.1570, 0.0851

Inverse Universe

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



54.1728, 0.3365, 0.3256



73.1204, 0.3424, 0.3249



66.7930, 0.3246, 0.3651



13.0717, 0.3277, 0.3268



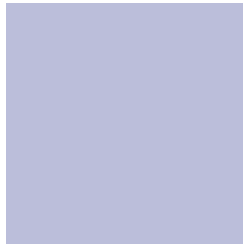
8.9693, 0.6285, 0.3236



0.5882, 0.5989, 0.3073

Previews

White Background



This preview shows how the Yxy color 52.4537, 0.2901, 0.2951 looks on a white background.

Color Contrast Check

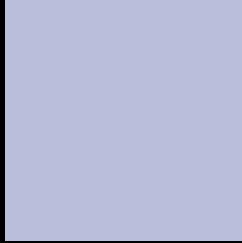
Large Text (above 18pt) WCAG AA × Fail

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 52.4537, 0.2901, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

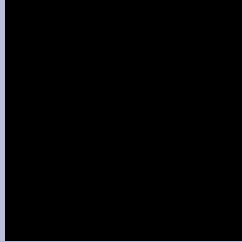
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4537, 0.2901, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 52.4537, 0.2901, 0.2951.



This preview shows how white text looks on a background with the Yxy color 52.4537, 0.2901, 0.2951.

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

52.4537, 0.2901, 0.2951

Protanopia

52.4537, 0.2901, 0.2951

Deuteranopia

52.5254, 0.2970, 0.2911



Tritanopia

52.5186, 0.2963, 0.3105

Trichromacy



Original Color

52.4537, 0.2901, 0.2951

Protanomaly

52.4537, 0.2901, 0.2951

Deuteranomaly

52.4184, 0.2939, 0.2920

Tritanomaly

52.4039, 0.2942, 0.3045

Monochromacy



Original Color

52.4537, 0.2901, 0.2951

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4258, 0.3045, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4537, 0.2901, 0.2951 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(187, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(187, 190, 218)  
}
```

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(187, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 190, 218) }
```

Border

The CSS property to change the border of an element to Yxy 52.4537, 0.2901, 0.2951 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(187, 190, 218) }
```

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

```
.border{ border-color:rgb(187, 190, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(187, 190,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4537, 0.2901, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 190, 218) }
```

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

```
.background{ background-color: rgb(187,  
190, 218) }
```

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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