

Converting Colors

Yxy(52.4104, 0.2741, 0.2737)

Have a look what the booklet for
Yxy(52.4104, 0.2741, 0.2737)
contains.

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Color

Yxy(52.2751, 0.2738, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	B5BDEC
RGB	181, 189, 236
RGB Percent	71%, 74%, 93%
CMY	0.2903, 0.2588, 0.0745
CMYK	0.23, 0.20, 0.00, 0.07
HSL	231°, 59%, 82%
HSV	231°, 23%, 93%
XYZ	52.3899, 52.2751, 86.6787
YIQ	191.9660, -19.8550, 12.9210

Conversions

Conversions Part 2

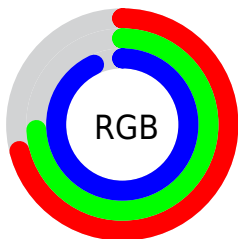
Format	Color
R_{YB}	181, 188, 236
Decimal	11910636
CIE _{Lab}	77.45, 7.18, -24.25
CIE _{LCh}	77, 25.287, 286.491
Yxy	52.2751, 0.2738, 0.2732
Android (android.graphics.Color)	4290100716 (0xFFB5BDEC)
YUV	191.9660, 21.7088, -9.6172
Hunter-Lab	72.3015, 2.8140, -20.4688

Details

The Yxy color $52.2751, 0.2738, 0.2732$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $76.6359, 0.3497, 0.3792$, and the grayscale version is $52.5708, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.7020, 0.3024, 0.3191$, and $25.4156, 0.2634, 0.2595$ is the 20% darker color. If you saturate the color by 10%, you get $41.5842, 0.2546, 0.2447$, and if you desaturate by 10%, it is $64.6585, 0.2916, 0.2991$.

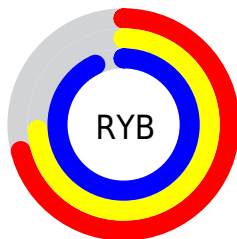
Distribution



Red (71%)

Green (74%)

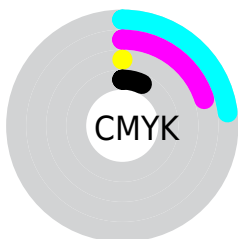
Blue (93%)



Red (71%)

Yellow (74%)

Blue (93%)

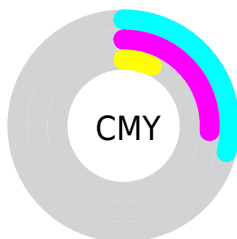


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2751, 0.2738, 0.2732 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 52.2751, 0.2738, 0.2732 by changing the saturation by 10% instead.

■ 52.2751, 0.2738,
0.2732

■ 52.2751, 0.2738,
0.2732

■ 395.4977, 0.2928,
0.2998

■ 37.2244, 0.2692,
0.2670

■ 93.5368, 0.2806,
0.2826

■ 25.3813, 0.2635,
0.2592

■ 120.5166, 0.2832,
0.2862

■ 16.3614, 0.2560,
0.2492

■ 152.2416, 0.2854,
0.2893

■ 9.7802, 0.2460,
0.2360

■ 189.0962, 0.2872,
0.2919

■ 5.2535, 0.2318,
0.2179

■ 231.4646, 0.2889,
0.2943

■ 2.3967, 0.2106,
0.1916

■ 279.7315, 0.2904,

■ 0.8242, 0.1763,

0.2963

0.1507

334.2810, 0.2916,
0.2982

0.0000, 0.0000,
0.0000

52.2751, 0.2738,
0.2732

52.2751, 0.2738,
0.2732

41.5842, 0.2546,
0.2447

64.6585, 0.2916,
0.2991

32.5057, 0.2346,
0.2140

78.7972, 0.3077,
0.3220

24.9625, 0.2145,
0.1823

94.7587, 0.3222,
0.3422

18.8686, 0.1955,
0.1509

98.8357, 0.3238,
0.3473

14.1290, 0.1787,
0.1220

■ 10.6376, 0.1655,
0.0975

■ 8.2710, 0.1566,
0.0790

■ 7.2243, 0.1529,
0.0702

Harmonies

Analogous

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



52.2751, 0.2542, 0.2796



52.2751, 0.2738, 0.2732



52.2751, 0.3045, 0.2803

Triad

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



52.2751, 0.2738, 0.2732



52.2751, 0.3804, 0.3525



52.2751, 0.2851, 0.3623

Complementary

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



52.2751, 0.2738, 0.2732



76.6359, 0.3497, 0.3792

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.



52.2751, 0.3180, 0.3848



52.2751, 0.2738, 0.2732



52.2751, 0.3739, 0.3766

Square

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



52.2751, 0.2738, 0.2732



52.2751, 0.3675, 0.3244



52.2751, 0.3507, 0.3894



52.2751, 0.2604, 0.3300

Rectangle

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



52.2751, 0.2738, 0.2732



52.2751, 0.3277, 0.2915



52.2751, 0.3507, 0.3894



52.2751, 0.2955, 0.3714

Sweetspot

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



52.2772, 0.2738, 0.2732



87.4258, 0.3019, 0.3138



75.3953, 0.2828, 0.3383



18.4914, 0.3010, 0.3124



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.



52.2772, 0.2738, 0.2732



55.9518, 0.2647, 0.2598



51.4096, 0.2873, 0.2660



14.9034, 0.2980, 0.3082



4.0954, 0.1533, 0.0720



0.4317, 0.1591, 0.0928

Inverse Universe

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



54.5479, 0.3540, 0.3202



59.2708, 0.3654, 0.3183



78.0337, 0.3341, 0.3899



15.0898, 0.3270, 0.3256



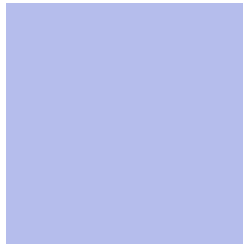
9.9062, 0.6200, 0.3189



0.7890, 0.5868, 0.3006

Previews

White Background



This preview shows how the Yxy color 52.2751, 0.2738, 0.2732 looks on a white background.

Color Contrast Check

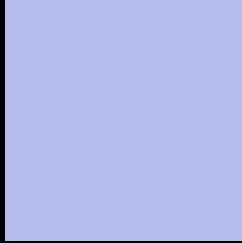
Large Text (above 18pt) WCAG AA × Fail

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 52.2751, 0.2738, 0.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

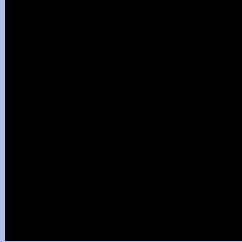
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2751, 0.2738, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 52.2751, 0.2738, 0.2732.



This preview shows how white text looks on a background with the Yxy color 52.2751, 0.2738, 0.2732.

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

52.2751, 0.2738, 0.2732

Protanopia

52.1546, 0.2731, 0.2731

Deuteranopia

52.1616, 0.2779, 0.2714



Tritanopia

52.4171, 0.2882, 0.3102

Trichromacy



Original Color

52.2751, 0.2738, 0.2732

Protanomaly

52.1546, 0.2731, 0.2731

Deuteranomaly

52.3369, 0.2765, 0.2724

Tritanomaly

52.2787, 0.2829, 0.2958

Monochromacy



Original Color

52.2751, 0.2738, 0.2732

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5070, 0.2979, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2751, 0.2738, 0.2732 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(181, 189, 236)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 236)  
}
```

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(181, 189, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 236) }
```

Border

The CSS property to change the border of an element to Yxy 52.2751, 0.2738, 0.2732 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(181, 189, 236) }
```

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

```
.border{ border-color:rgb(181, 189, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 236);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2751, 0.2738, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 236) }
```

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

```
.background{ background-color: rgb(181,  
189, 236) }
```

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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