

Converting Colors

Yxy(51.9677, 0.2744, 0.2721)

Have a look what the booklet for
Yxy(51.9677, 0.2744, 0.2721)
contains.

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Color

Yxy(51.9677, 0.2744, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	B6BCEC
RGB	182, 188, 236
RGB Percent	71%, 74%, 93%
CMY	0.2864, 0.2627, 0.0746
CMYK	0.23, 0.20, 0.00, 0.07
HSL	233°, 59%, 82%
HSV	233°, 23%, 93%
XYZ	52.4070, 51.9677, 86.6128
YIQ	191.6780, -18.9840, 13.6560

Conversions

Conversions Part 2

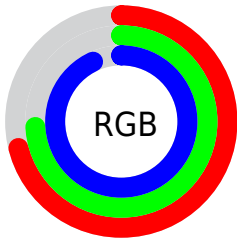
Format	Color
R _Y B	182, 187, 236
Decimal	11975916
CIE Lab	77.26, 8.01, -24.52
CIE LCh	77, 25.793, 288.101
Yxy	51.9677, 0.2744, 0.2721
Android (android.graphics.Color)	4290165996 (0xFFB6BCEC)
YUV	191.6780, 21.8507, -8.4876
Hunter-Lab	72.0886, 3.6108, -20.7735

Details

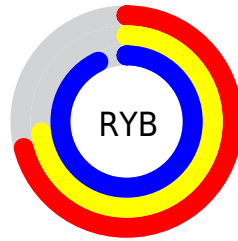
The Yxy color **51.9677, 0.2744, 0.2721** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7645, 0.3486, 0.3802**, and the grayscale version is **52.3917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2721, 0.3031, 0.3181**, and **25.2124, 0.2641, 0.2581** is the 20% darker color. If you saturate the color by 10%, you get **41.0213, 0.2550, 0.2425**, and if you desaturate by 10%, it is **64.7025, 0.2923, 0.2989**.

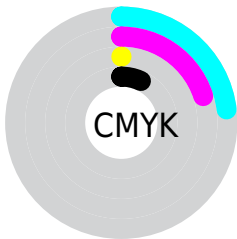
Distribution



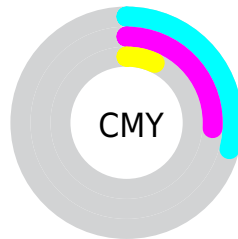
- Red (71%)
- Green (74%)
- Blue (93%)



- Red (71%)
- Yellow (73%)
- 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 51.9677, 0.2744, 0.2721 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 51.9677, 0.2744, 0.2721 by changing the saturation by 10% instead.

■ 51.9677, 0.2744,
0.2721

■ 51.9677, 0.2744,
0.2721

394.3119, 0.2931,
0.2992

■ 36.9793, 0.2699,
0.2657

■ 93.0836, 0.2811,
0.2816

■ 25.1915, 0.2642,
0.2578

119.9799, 0.2836,
0.2853

■ 16.2198, 0.2568,
0.2477

151.6144, 0.2858,
0.2885

■ 9.6798, 0.2468,
0.2343

188.3713, 0.2877,
0.2912

■ 5.1872, 0.2328,
0.2159

230.6351, 0.2893,
0.2936

■ 2.3575, 0.2117,
0.1892

278.7902, 0.2907,

■ 0.8039, 0.1774,

0.2957


0.1477


333.2210, 0.2920,
0.2975


 0.0000, 0.0000,
0.0000


 51.9677, 0.2744,
0.2721


 51.9677, 0.2744,
0.2721


 41.0213, 0.2550,
0.2425


 64.7025, 0.2923,
0.2989

 31.7770, 0.2347,
0.2108


 79.2943, 0.3084,
0.3227

 24.1506, 0.2142,
0.1780

 95.8159, 0.3227,
0.3435

 18.0484, 0.1948,
0.1459

 98.8352, 0.3238,
0.3474

 13.3670, 0.1777,
0.1167

■ 9.9896, 0.1644,
0.0924

■ 7.7807, 0.1556,
0.0749

■ 6.8129, 0.1519,
0.0667

Harmonies

Analogous

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



51.9677, 0.2537, 0.2778



51.9677, 0.2744, 0.2721



51.9677, 0.3062, 0.2800

Triad

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



51.9677, 0.2744, 0.2721



51.9677, 0.3821, 0.3544



51.9677, 0.2828, 0.3614

Complementary

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



51.9677, 0.2744, 0.2721



77.7645, 0.3486, 0.3802

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.



51.9677, 0.3162, 0.3852



51.9677, 0.2744, 0.2721



51.9677, 0.3744, 0.3786

Square

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



51.9677, 0.2744, 0.2721



51.9677, 0.3699, 0.3258



51.9677, 0.3498, 0.3910



51.9677, 0.2583, 0.3282

Rectangle

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



51.9677, 0.2744, 0.2721



51.9677, 0.3299, 0.2918



51.9677, 0.3498, 0.3910



51.9677, 0.2933, 0.3710

Sweetspot

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



51.9698, 0.2744, 0.2721



87.0704, 0.3019, 0.3132



75.6185, 0.2823, 0.3361



18.4093, 0.3010, 0.3118



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.



51.9698, 0.2744, 0.2721



56.1987, 0.2664, 0.2599



52.1489, 0.2892, 0.2674



14.8204, 0.2980, 0.3074



3.8482, 0.1523, 0.0681



0.3923, 0.1571, 0.0856

Inverse Universe

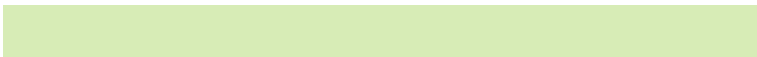
The Inverse Universe completely reimagines the original color for something new.



54.9046, 0.3546, 0.3224



60.3298, 0.3649, 0.3211



77.8473, 0.3324, 0.3890



15.0815, 0.3275, 0.3264



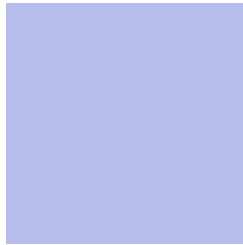
9.8813, 0.6264, 0.3224



0.7850, 0.5981, 0.3069

Previews

White Background



This preview shows how the Yxy color 51.9677, 0.2744, 0.2721 looks on a white background.

Color Contrast Check

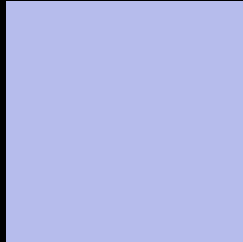
Large Text (above 18pt) WCAG AA × Fail

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 51.9677, 0.2744, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

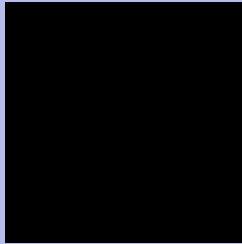
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9677, 0.2744, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 51.9677, 0.2744, 0.2721.



This preview shows how white text looks on a background with the Yxy color 51.9677, 0.2744, 0.2721.

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

51.9677, 0.2744, 0.2721

Protanopia

52.0350, 0.2724, 0.2730

Deuteranopia

52.0359, 0.2772, 0.2713



Tritanopia

52.0411, 0.2896, 0.3102

Trichromacy



Original Color

51.9677, 0.2744, 0.2721

Protanomaly

52.1546, 0.2731, 0.2731

Deuteranomaly

51.9111, 0.2765, 0.2712

Tritanomaly

51.9073, 0.2842, 0.2958

Monochromacy



Original Color

51.9677, 0.2744, 0.2721

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 51.9677, 0.2744, 0.2721 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(182, 188, 236)` looks like.

```
.text, #text, p{  
    color:rgb(182, 188, 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(182, 188, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 188, 236) }
```

Border

The CSS property to change the border of an element to Yxy 51.9677, 0.2744, 0.2721 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(182, 188, 236) }
```

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

```
.border{ border-color:rgb(182, 188, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 188, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 188, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 188, 236);  
box-shadow:4px 4px 4px 4px rgb(182, 188,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9677, 0.2744, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 188, 236) }
```

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

```
.background{ background-color: rgb(182,  
188, 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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