

Converting Colors

$Y_{xy}(53.2120, 0.2734, 0.2736)$

Have a look what the booklet for
Yxy(53.2120, 0.2734, 0.2736)
contains.

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Color

Yxy(53.3797, 0.2735, 0.2736)

Conversions

Conversions Part 1

Format	Color
Hex	B6BFEE
RGB	182, 191, 238
RGB Percent	71%, 75%, 93%
CMY	0.2861, 0.2510, 0.0668
CMYK	0.24, 0.20, 0.00, 0.07
HSL	230°, 62%, 82%
HSV	230°, 24%, 93%
XYZ	53.3602, 53.3797, 88.3614
YIQ	193.6670, -20.4510, 12.7090

Conversions

Conversions Part 2

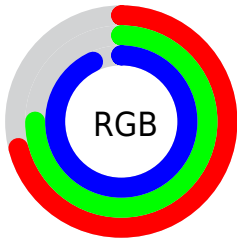
Format	Color
R _Y B	182, 190, 238
Decimal	11976686
CIE Lab	78.10, 6.88, -24.31
CIE LCh	78, 25.266, 285.793
Yxy	53.3797, 0.2735, 0.2736
Android (android.graphics.Color)	4290166766 (0xFFB6BFEE)
YUV	193.6670, 21.8562, -10.2320
Hunter-Lab	73.0614, 2.5095, -20.5631

Details

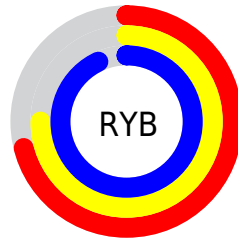
The Yxy color **53.3797, 0.2735, 0.2736** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.6093, 0.3502, 0.3789**, and the grayscale version is **53.6242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0923, 0.3030, 0.3211**, and **26.1436, 0.2631, 0.2602** is the 20% darker color. If you saturate the color by 10%, you get **42.5931, 0.2544, 0.2455**, and if you desaturate by 10%, it is **65.8532, 0.2913, 0.2991**.

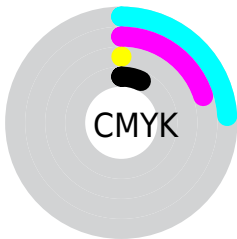
Distribution



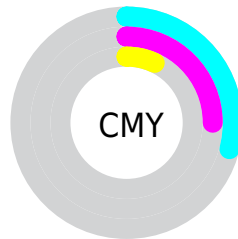
- Red (71%)
- Green (75%)
- Blue (93%)



- Red (71%)
- Yellow (75%)
- Blue (93%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3797, 0.2735, 0.2736 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 53.3797, 0.2735, 0.2736 by changing the saturation by 10% instead.

■ 53.3797, 0.2735,
0.2736

■ 53.3797, 0.2735,
0.2736

■ 399.7402, 0.2926,
0.2999

■ 38.1060, 0.2689,
0.2674

■ 95.1629, 0.2803,
0.2829

■ 26.0649, 0.2632,
0.2598

■ 122.4411, 0.2829,
0.2864

■ 16.8722, 0.2558,
0.2500

■ 154.4896, 0.2851,
0.2895

■ 10.1434, 0.2458,
0.2371

■ 191.6928, 0.2870,
0.2921

■ 5.4942, 0.2319,
0.2193

■ 234.4350, 0.2886,
0.2944

■ 2.5400, 0.2111,
0.1936

■ 283.1007, 0.2901,

■ 0.8966, 0.1775,

0.2965

0.1541

338.0743, 0.2914,
0.2983

0.0000, 0.0000,
0.0000

53.3797, 0.2735,
0.2736

53.3797, 0.2735,
0.2736

42.5931, 0.2544,
0.2455

65.8532, 0.2913,
0.2991

33.4141, 0.2345,
0.2153

80.0753, 0.3074,
0.3217

25.7666, 0.2146,
0.1839

96.1127, 0.3220,
0.3416

19.5659, 0.1957,
0.1529

98.9517, 0.3226,
0.3454

14.7187, 0.1791,
0.1242

■ 11.1202, 0.1659,
0.0996

■ 8.6494, 0.1570,
0.0807

■ 7.5617, 0.1533,
0.0719

Harmonies

Analogous

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



53.3797, 0.2544, 0.2803



53.3797, 0.2735, 0.2736



53.3797, 0.3038, 0.2803

Triad

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



53.3797, 0.2735, 0.2736



53.3797, 0.3798, 0.3517



53.3797, 0.2860, 0.3627

Complementary

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



53.3797, 0.2735, 0.2736



77.6093, 0.3502, 0.3789

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.



53.3797, 0.3187, 0.3846



53.3797, 0.2735, 0.2736



53.3797, 0.3738, 0.3758

Square

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



53.3797, 0.2735, 0.2736



53.3797, 0.3665, 0.3238



53.3797, 0.3511, 0.3888



53.3797, 0.2612, 0.3308

Rectangle

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



53.3797, 0.2735, 0.2736



53.3797, 0.3268, 0.2913



53.3797, 0.3511, 0.3888



53.3797, 0.2964, 0.3716

Sweetspot

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



53.3818, 0.2735, 0.2736



87.5733, 0.3019, 0.3141



76.7248, 0.2830, 0.3395



18.5254, 0.3010, 0.3127



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.



53.3818, 0.2735, 0.2736



56.3997, 0.2649, 0.2610



52.0228, 0.2864, 0.2652



15.6369, 0.2980, 0.3085



4.3406, 0.1538, 0.0737



0.4813, 0.1596, 0.0944

Inverse Universe

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



55.4107, 0.3538, 0.3193



59.3160, 0.3645, 0.3173



79.6272, 0.3349, 0.3903



15.8001, 0.3268, 0.3252



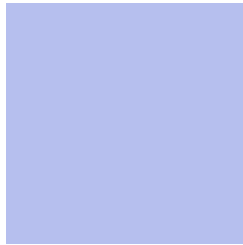
10.2315, 0.6171, 0.3173



0.8633, 0.5844, 0.2993

Previews

White Background



This preview shows how the Yxy color 53.3797, 0.2735, 0.2736 looks on a white background.

Color Contrast Check

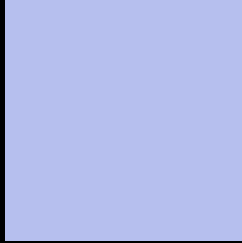
Large Text (above 18pt) WCAG AA × Fail

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 53.3797, 0.2735, 0.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

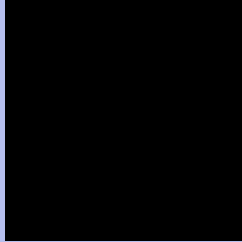
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3797, 0.2735, 0.2736

Background



This preview shows how black text looks on a background with the Yxy color 53.3797, 0.2735, 0.2736.



This preview shows how white text looks on a background with the Yxy color 53.3797, 0.2735, 0.2736.

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

53.3797, 0.2735, 0.2736

Protanopia

53.3797, 0.2735, 0.2736

Deuteranopia

53.3871, 0.2782, 0.2719



Tritanopia

53.5301, 0.2877, 0.3103

Trichromacy



Original Color

53.3797, 0.2735, 0.2736

Protanomaly

53.3797, 0.2735, 0.2736

Deuteranomaly

53.4391, 0.2762, 0.2728

Tritanomaly

53.3877, 0.2824, 0.2960

Monochromacy



Original Color

53.3797, 0.2735, 0.2736

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7402, 0.2980, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3797, 0.2735, 0.2736 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, 191, 238)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 238)  
}
```

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, 191, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 238) }
```

Border

The CSS property to change the border of an element to Yxy 53.3797, 0.2735, 0.2736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

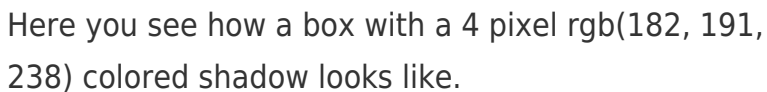
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 191, 238) }
```

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

```
.border{ border-color:rgb(182, 191, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 191, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 191, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 191, 238); box-shadow:4px 4px 4px 4px rgb(182, 191, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3797, 0.2735, 0.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 238) }
```

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

```
.background{ background-color: rgb(182,  
191, 238) }
```

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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