

Converting Colors

Yxy(53.5743, 0.2783, 0.2710)

Have a look what the booklet for
Yxy(53.5743, 0.2783, 0.2710)
contains.

Yxy(53.5743, 0.2783, 0.2710)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.5743, 0.2783, 0.2710)

Conversions

Conversions Part 1

Format	Color
Hex	BEBDEF
RGB	190, 189, 239
RGB Percent	75%, 74%, 94%
CMY	0.2548, 0.2588, 0.0628
CMYK	0.20, 0.21, 0.00, 0.06
HSL	241°, 61%, 84%
HSV	241°, 21%, 94%
XYZ	55.0174, 53.5743, 89.0994
YIQ	194.9990, -15.4540, 15.7620

Conversions

Conversions Part 2

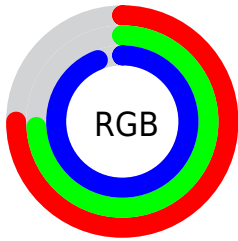
Format	Color
R _Y B	190, 189, 239
Decimal	12500463
CIE Lab	78.21, 10.61, -24.63
CIE LCh	78, 26.821, 293.304
Yxy	53.5743, 0.2783, 0.2710
Android (android.graphics.Color)	4290690543 (0xFFBEBDEF)
YUV	194.9990, 21.6925, -4.3841
Hunter-Lab	73.1945, 6.0812, -20.9374

Details

The Yxy color $53.5743, 0.2783, 0.2710$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $83.5760, 0.3435, 0.3813$, and the grayscale version is $54.4513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.2990, 0.3081, 0.3193$, and $26.2615, 0.2692, 0.2570$ is the 20% darker color. If you saturate the color by 10%, you get $41.3516, 0.2588, 0.2383$, and if you desaturate by 10%, it is $67.9794, 0.2959, 0.3006$.

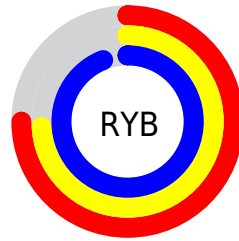
Distribution



Red (75%)

Green (74%)

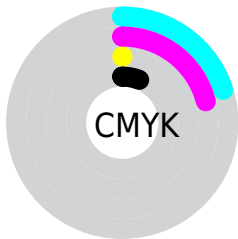
Blue (94%)



Red (75%)

Yellow (74%)

Blue (94%)

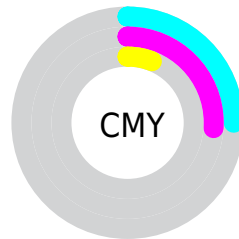


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5743, 0.2783, 0.2710 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 53.5743, 0.2783, 0.2710 by changing the saturation by 10% instead.

■ 53.5743, 0.2783,
0.2710

■ 53.5743, 0.2783,
0.2710

400.4846, 0.2951,
0.2984

■ 38.2614, 0.2742,
0.2646

■ 95.4489, 0.2843,
0.2806

■ 26.1857, 0.2691,
0.2568

122.7794, 0.2866,
0.2843

■ 16.9626, 0.2625,
0.2467

154.8846, 0.2885,
0.2875

■ 10.2078, 0.2536,
0.2335

192.1489, 0.2902,
0.2902

■ 5.5370, 0.2410,
0.2155

234.9567, 0.2917,
0.2926

■ 2.5656, 0.2220,
0.1897

283.6923, 0.2930,

■ 0.9094, 0.1912,

0.2948

0.1504

338.7401, 0.2941,
0.2967

0.0000, 0.0421,
0.0000

0.0000, 0.0000,
0.0000

53.5743, 0.2783,
0.2710

53.5743, 0.2783,
0.2710

41.3516, 0.2588,
0.2383

67.9794, 0.2959,
0.3006

31.1989, 0.2378,
0.2033

84.6592, 0.3114,
0.3268

23.0035, 0.2164,
0.1676

99.0118, 0.3220,
0.3444

16.6395, 0.1958,
0.1335

■ 11.9662, 0.1776,
0.1037

■ 8.8225, 0.1635,
0.0809

■ 7.0163, 0.1545,
0.0665

■ 6.2637, 0.1505,
0.0603

Harmonies

Analogous

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



53.5743, 0.2547, 0.2743



53.5743, 0.2783, 0.2710



53.5743, 0.3123, 0.2814

Triad

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



53.5743, 0.2783, 0.2710



53.5743, 0.3842, 0.3599



53.5743, 0.2767, 0.3568

Complementary

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



53.5743, 0.2783, 0.2710



83.5760, 0.3435, 0.3813

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.



53.5743, 0.3100, 0.3839



53.5743, 0.2783, 0.2710



53.5743, 0.3728, 0.3833

Square

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



53.5743, 0.2783, 0.2710



53.5743, 0.3751, 0.3308



53.5743, 0.3453, 0.3933



53.5743, 0.2538, 0.3221

Rectangle

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



53.5743, 0.2783, 0.2710



53.5743, 0.3367, 0.2947



53.5743, 0.3453, 0.3933



53.5743, 0.2870, 0.3673

Sweetspot

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



53.5765, 0.2783, 0.2710



87.8918, 0.3037, 0.3139



78.2947, 0.2815, 0.3280



18.5430, 0.3027, 0.3121



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.



53.5765, 0.2783, 0.2710



55.8716, 0.2704, 0.2577



57.0468, 0.2966, 0.2740



15.2443, 0.2983, 0.3046



3.4684, 0.1506, 0.0604



0.2940, 0.1523, 0.0613

Inverse Universe

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



60.9147, 0.3159, 0.2780



65.7661, 0.3166, 0.2678



79.5759, 0.3262, 0.3843



16.0254, 0.3141, 0.3062



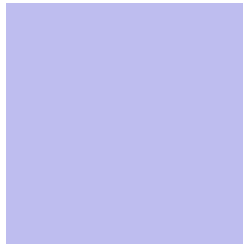
13.4283, 0.3261, 0.1570



1.1189, 0.3254, 0.1566

Previews

White Background



This preview shows how the Yxy color 53.5743, 0.2783, 0.2710 looks on a white background.

Color Contrast Check

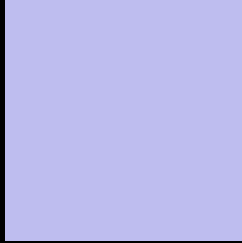
Large Text (above 18pt) WCAG AA × Fail

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 53.5743, 0.2783, 0.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

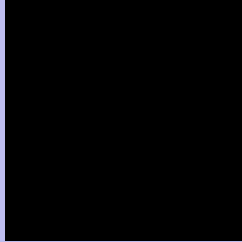
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5743, 0.2783, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 53.5743, 0.2783, 0.2710.



This preview shows how white text looks on a background with the Yxy color 53.5743, 0.2783, 0.2710.

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

53.5743, 0.2783, 0.2710

Protanopia

53.5576, 0.2716, 0.2704

Deuteranopia

53.4460, 0.2776, 0.2709



Tritanopia

53.5510, 0.2942, 0.3094

Trichromacy



Original Color

53.5743, 0.2783, 0.2710

Protanomaly

53.4325, 0.2742, 0.2706

Deuteranomaly

53.4460, 0.2776, 0.2709

Tritanomaly

53.4845, 0.2881, 0.2941

Monochromacy



Original Color

53.5743, 0.2783, 0.2710

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1805, 0.2996, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5743, 0.2783, 0.2710 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(190, 189, 239)` looks like.

```
.text, #text, p{  
    color:rgb(190, 189, 239)  
}
```

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(190, 189, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 189, 239) }
```

Border

The CSS property to change the border of an element to Yxy 53.5743, 0.2783, 0.2710 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(190, 189, 239) }
```

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

```
.border{ border-color:rgb(190, 189, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 189, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 189, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 189, 239);  
box-shadow:4px 4px 4px 4px rgb(190, 189,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5743, 0.2783, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 189, 239) }
```

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

```
.background{ background-color: rgb(190,  
189, 239) }
```

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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