

Converting Colors

Yxy(53.7617, 0.2618, 0.2588)

Have a look what the booklet for
Yxy(53.7617, 0.2618, 0.2588)
contains.

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Color

Yxy(53.6370, 0.2618, 0.2584)

Conversions

Conversions Part 1

Format	Color
Hex	B1BFFC
RGB	177, 191, 252
RGB Percent	69%, 75%, 99%
CMY	0.3057, 0.2510, 0.0117
CMYK	0.30, 0.24, 0.00, 0.01
HSL	229°, 93%, 84%
HSV	229°, 30%, 99%
XYZ	54.3427, 53.6370, 99.5938
YIQ	193.7680, -27.9250, 16.0030

Conversions

Conversions Part 2

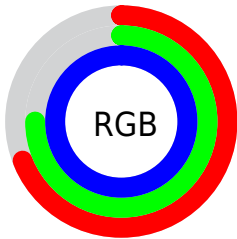
Format	Color
R _Y B	177, 189, 252
Decimal	11649020
CIE Lab	78.25, 8.74, -31.64
CIE LCh	78, 32.829, 285.444
Yxy	53.6370, 0.2618, 0.2584
Android (android.graphics.Color)	4289839100 (0xFFB1BFFC)
YUV	193.7680, 28.7084, -14.7055
Hunter-Lab	73.2373, 4.2834, -29.3611

Details

The Yxy color **53.6370, 0.2618, 0.2584** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0679, 0.3615, 0.3908**, and the grayscale version is **53.6501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2340, 0.2999, 0.3210**, and **26.2547, 0.2485, 0.2420** is the 20% darker color. If you saturate the color by 10%, you get **42.6172, 0.2423, 0.2297**, and if you desaturate by 10%, it is **66.4609, 0.2803, 0.2848**.

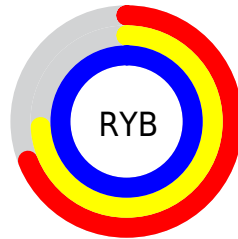
Distribution



Red (69%)

Green (75%)

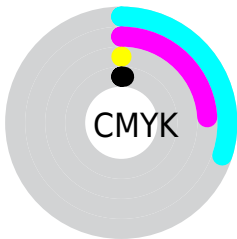
Blue (99%)



Red (69%)

Yellow (74%)

Blue (99%)

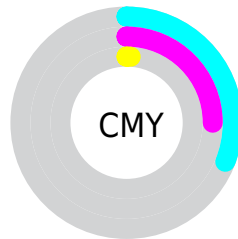


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6370, 0.2618, 0.2584 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 53.6370, 0.2618, 0.2584 by changing the saturation by 10% instead.

■ 53.6370, 0.2618,
0.2584

■ 53.6370, 0.2618,
0.2584

400.7243, 0.2864,
0.2916

■ 38.3115, 0.2560,
0.2508

■ 95.5411, 0.2705,
0.2700

■ 26.2246, 0.2487,
0.2414

122.8884, 0.2738,
0.2744

■ 16.9917, 0.2395,
0.2295

155.0119, 0.2767,
0.2783

■ 10.2286, 0.2272,
0.2141

192.2958, 0.2791,
0.2816

■ 5.5508, 0.2103,
0.1934

235.1246, 0.2813,
0.2846

■ 2.5739, 0.1860,
0.1646

283.8827, 0.2832,

■ 0.9136, 0.1491,

0.2872

0.1232

338.9545, 0.2849,
0.2895

0.0000, 0.0119,
0.0000

0.0000, 0.0000,
0.0000

53.6370, 0.2618,
0.2584

53.6370, 0.2618,
0.2584

42.6172, 0.2423,
0.2297

66.4609, 0.2803,
0.2848

33.3132, 0.2225,
0.1994

81.1590, 0.2975,
0.3085

25.6387, 0.2033,
0.1687

97.8058, 0.3131,
0.3295

19.4970, 0.1859,
0.1392

99.8091, 0.3144,
0.3318

■ 14.7808, 0.1715,
0.1128

■ 11.3679, 0.1609,
0.0912

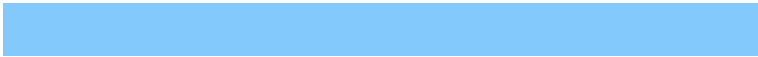
■ 9.0965, 0.1543,
0.0754

■ 9.0503, 0.1542,
0.0751

Harmonies

Analogous

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



53.6370, 0.2381, 0.2664



53.6370, 0.2618, 0.2584



53.6370, 0.3002, 0.2670

Triad

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



53.6370, 0.2618, 0.2584



53.6370, 0.3999, 0.3566



53.6370, 0.2782, 0.3737

Complementary

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



53.6370, 0.2618, 0.2584



85.0679, 0.3615, 0.3908

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.



53.6370, 0.3203, 0.4026



53.6370, 0.2618, 0.2584



53.6370, 0.3918, 0.3881

Square

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



53.6370, 0.2618, 0.2584



53.6370, 0.3824, 0.3213



53.6370, 0.3621, 0.4067



53.6370, 0.2468, 0.3312

Rectangle

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



53.6370, 0.2618, 0.2584



53.6370, 0.3301, 0.2807



53.6370, 0.3621, 0.4067



53.6370, 0.2915, 0.3857

Sweetspot

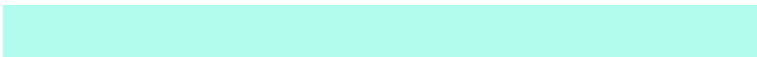
The Sweet Spot groups the original color and five complimentary colors.



53.6391, 0.2618, 0.2584



84.5576, 0.2987, 0.3102



85.0976, 0.2771, 0.3455



17.5975, 0.2963, 0.3069



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.



53.6391, 0.2618, 0.2584



47.7780, 0.2496, 0.2406



50.7104, 0.2759, 0.2454



17.1650, 0.2979, 0.3091



4.8680, 0.1548, 0.0772



0.5872, 0.1602, 0.0968

Inverse Universe

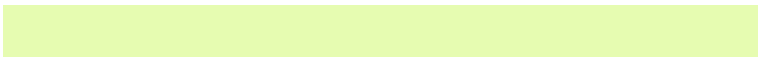
The Inverse Universe completely reimagines the original color for something new.



55.9240, 0.3671, 0.3145



50.8316, 0.3836, 0.3113



89.5496, 0.3424, 0.4075



17.2779, 0.3265, 0.3246



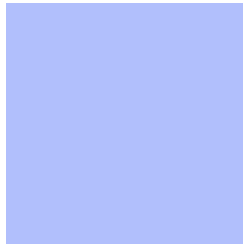
10.9023, 0.6114, 0.3142



1.0235, 0.5807, 0.2972

Previews

White Background



This preview shows how the Yxy color 53.6370, 0.2618, 0.2584 looks on a white background.

Color Contrast Check

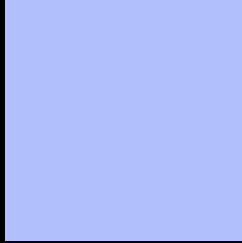
Large Text (above 18pt) WCAG AA × Fail

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 53.6370, 0.2618, 0.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

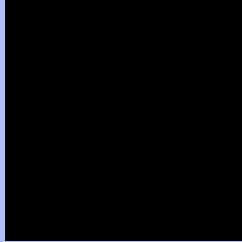
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6370, 0.2618, 0.2584

Background



This preview shows how black text looks on a background with the Yxy color 53.6370, 0.2618, 0.2584.



This preview shows how white text looks on a background with the Yxy color 53.6370, 0.2618, 0.2584.

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

53.6370, 0.2618, 0.2584

Protanopia

53.6370, 0.2618, 0.2584

Deuteranopia

53.5585, 0.2636, 0.2576



Tritanopia

53.6782, 0.2802, 0.3089

Trichromacy



Original Color

53.6370, 0.2618, 0.2584

Protanomaly

53.6370, 0.2618, 0.2584

Deuteranomaly

53.4389, 0.2629, 0.2575

Tritanomaly

53.4023, 0.2732, 0.2887

Monochromacy



Original Color

53.6370, 0.2618, 0.2584

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7376, 0.2930, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6370, 0.2618, 0.2584 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(177, 191, 252)` looks like.

```
.text, #text, p{  
    color:rgb(177, 191, 252)  
}
```

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(177, 191, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 191, 252) }
```

Border

The CSS property to change the border of an element to Yxy 53.6370, 0.2618, 0.2584 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(177, 191, 252) }
```

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

```
.border{ border-color:rgb(177, 191, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 191, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 191, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 191, 252);  
box-shadow:4px 4px 4px 4px rgb(177, 191,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6370, 0.2618, 0.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 191, 252) }
```

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

```
.background{ background-color: rgb(177,  
191, 252) }
```

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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