

Converting Colors

$Y_{xy}(52.3120, 0.2534, 0.2532)$

Have a look what the booklet for
Yxy(52.3120, 0.2534, 0.2532)
contains.

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Color

Yxy(52.2624, 0.2536, 0.2530)

Conversions

Conversions Part 1

Format	Color
Hex	A7BEFF
RGB	167, 190, 255
RGB Percent	65%, 75%, 100%
CMY	0.3454, 0.2548, 0.0001
CMYK	0.35, 0.25, 0.00, 0.00
HSL	224°, 100%, 83%
HSV	224°, 35%, 100%
XYZ	52.3863, 52.2624, 101.9220
YIQ	190.5330, -34.5730, 15.3390

Conversions

Conversions Part 2

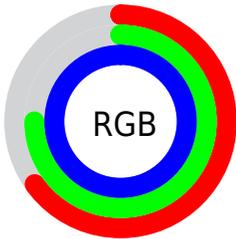
Format	Color
R_{YB}	167, 185, 255
Decimal	10993407
CIE Lab	77.44, 7.20, -34.54
CIE LCh	77, 35.287, 281.775
Yxy	52.2624, 0.2536, 0.2530
Android (android.graphics.Color)	4289183487 (0xFFA7BEFF)
YUV	190.5330, 31.7822, -20.6384
Hunter-Lab	72.2927, 2.8363, -32.9852

Details

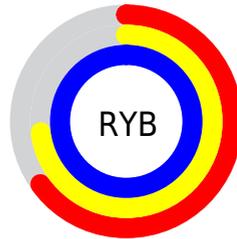
The Yxy color **52.2624, 0.2536, 0.2530** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6975, 0.3722, 0.3947**, and the grayscale version is **51.6384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9788, 0.2938, 0.3198**, and **25.4133, 0.2386, 0.2349** is the 20% darker color. If you saturate the color by 10%, you get **42.1261, 0.2347, 0.2262**, and if you desaturate by 10%, it is **64.0019, 0.2721, 0.2779**.

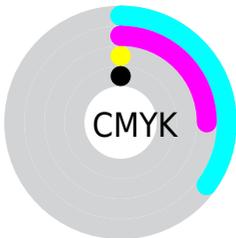
Distribution



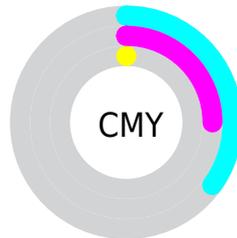
- Red (65%)
- Green (75%)
- Blue (100%)



- Red (65%)
- Yellow (73%)
- Blue (100%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2624, 0.2536, 0.2530 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 52.2624, 0.2536, 0.2530 by changing the saturation by 10% instead.

■ 52.2624, 0.2536,
0.2530

■ 52.2624, 0.2536,
0.2530

■ 395.4488, 0.2821,
0.2888

■ 37.2143, 0.2469,
0.2448

■ 93.5181, 0.2636,
0.2655

■ 25.3734, 0.2386,
0.2346

■ 120.4945, 0.2675,
0.2703

■ 16.3555, 0.2279,
0.2218

■ 152.2157, 0.2708,
0.2745

■ 9.7761, 0.2139,
0.2052

■ 189.0662, 0.2737,
0.2781

■ 5.2507, 0.1949,
0.1831

■ 231.4304, 0.2762,
0.2813

■ 2.3951, 0.1679,
0.1526

■ 279.6926, 0.2784,

■ 0.8234, 0.1282,

0.2841

0.1095

334.2373, 0.2803,
0.2866

 0.0000, 0.0000,
0.0000

 52.2624, 0.2536,
0.2530

 52.2624, 0.2536,
0.2530

 42.1261, 0.2347,
0.2262

 64.0019, 0.2721,
0.2779

 33.5146, 0.2159,
0.1981

 77.4060, 0.2895,
0.3005

 26.3518, 0.1983,
0.1698

 92.5401, 0.3058,
0.3207

 20.5519, 0.1828,
0.1427

 99.9991, 0.3127,
0.3290

 16.0190, 0.1703,
0.1182

■ 12.6417, 0.1614,
0.0976

■ 11.2185, 0.1579,
0.0884

Harmonies

Analogous

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



52.2624, 0.2305, 0.2636



52.2624, 0.2536, 0.2530



52.2624, 0.2934, 0.2603

Triad

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



52.2624, 0.2536, 0.2530



52.2624, 0.4064, 0.3537



52.2624, 0.2803, 0.3828

Complementary

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



52.2624, 0.2536, 0.2530



81.6975, 0.3722, 0.3947

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.



52.2624, 0.3264, 0.4113



52.2624, 0.2536, 0.2530



52.2624, 0.4008, 0.3889

Square

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



52.2624, 0.2536, 0.2530



52.2624, 0.3843, 0.3159



52.2624, 0.3708, 0.4118



52.2624, 0.2447, 0.3370

Rectangle

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



52.2624, 0.2536, 0.2530



52.2624, 0.3254, 0.2739



52.2624, 0.3708, 0.4118



52.2624, 0.2951, 0.3951

Sweetspot

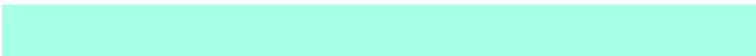
The Sweet Spot groups the original color and five complimentary colors.



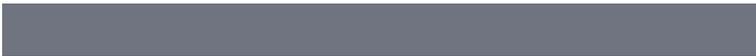
52.2644, 0.2536, 0.2530



84.0595, 0.2971, 0.3099



85.5173, 0.2749, 0.3553



17.5431, 0.2948, 0.3071



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.



52.2644, 0.2536, 0.2530



45.5358, 0.2414, 0.2358



45.4559, 0.2643, 0.2290



18.1523, 0.2979, 0.3109



6.0674, 0.1586, 0.0910



0.7596, 0.1645, 0.1121

Inverse Universe

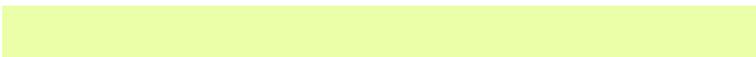
The Inverse Universe completely reimagines the original color for something new.



52.5880, 0.3732, 0.3050



46.4257, 0.3899, 0.3005



91.8658, 0.3509, 0.4197



18.0653, 0.3253, 0.3228



11.3405, 0.5897, 0.3022



1.1212, 0.5580, 0.2847

Previews

White Background



This preview shows how the Yxy color 52.2624, 0.2536, 0.2530 looks on a white background.

Color Contrast Check

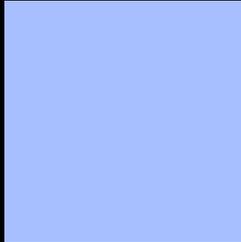
Large Text (above 18pt) WCAG AA × Fail

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 52.2624, 0.2536, 0.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

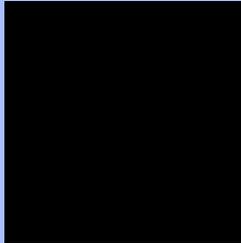
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2624, 0.2536, 0.2530

Background



This preview shows how black text looks on a background with the Yxy color 52.2624, 0.2536, 0.2530.



This preview shows how white text looks on a background with the Yxy color 52.2624, 0.2536, 0.2530.

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

52.2624, 0.2536, 0.2530

Protanopia

52.4352, 0.2578, 0.2535

Deuteranopia

52.1851, 0.2577, 0.2515



Tritanopia

52.4113, 0.2721, 0.3084

Trichromacy



Original Color

52.2624, 0.2536, 0.2530

Protanomaly

52.2089, 0.2565, 0.2533

Deuteranomaly

52.2731, 0.2560, 0.2523

Tritanomaly

52.2644, 0.2653, 0.2867

Monochromacy



Original Color

52.2624, 0.2536, 0.2530

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0617, 0.2891, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2624, 0.2536, 0.2530 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(167, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 255)  
}
```

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(167, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.2624, 0.2536, 0.2530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

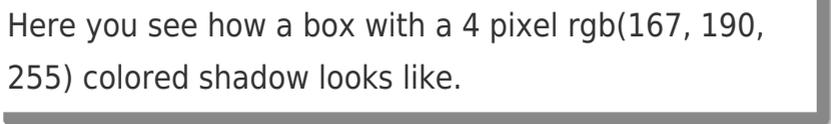
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 190, 255) }
```

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

```
.border{ border-color:rgb(167, 190, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2624, 0.2536, 0.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 255) }
```

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

```
.background{ background-color: rgb(167,  
190, 255) }
```

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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