

Converting Colors

$Yxy(52.4956, 0.2554, 0.2531)$

Have a look what the booklet for
Yxy(52.4956, 0.2554, 0.2531)
contains.

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Color

Yxy(52.5930, 0.2555, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	AABEFF
RGB	170, 190, 255
RGB Percent	67%, 75%, 100%
CMY	0.3332, 0.2549, 0.0000
CMYK	0.33, 0.25, 0.00, 0.00
HSL	226°, 100%, 83%
HSV	226°, 33%, 100%
XYZ	53.0498, 52.5930, 101.9885
YIQ	191.4300, -32.7850, 15.9750

Conversions

Conversions Part 2

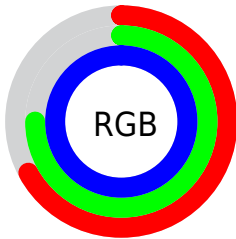
Format	Color
R_{YB}	170, 186, 255
Decimal	11190015
CIE _{Lab}	77.63, 8.08, -34.25
CIE _{LCh}	78, 35.188, 283.270
Yxy	52.5930, 0.2555, 0.2533
Android (android.graphics.Color)	4289380095 (0xFFAABEFF)
YUV	191.4300, 31.3400, -18.7941
Hunter-Lab	72.5210, 3.6626, -32.6166

Details

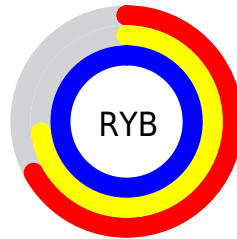
The Yxy color **52.5930, 0.2555, 0.2533** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.6048, 0.3692, 0.3946**, and the grayscale version is **52.1942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4624, 0.2957, 0.3199**, and **25.6134, 0.2409, 0.2354** is the 20% darker color. If you saturate the color by 10%, you get **42.1276, 0.2363, 0.2257**, and if you desaturate by 10%, it is **64.7410, 0.2741, 0.2789**.

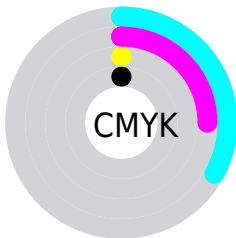
Distribution



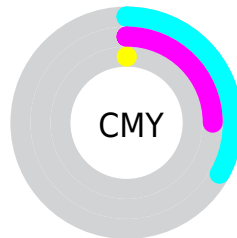
- Red (67%)
- Green (75%)
- Blue (100%)



- Red (67%)
- Yellow (73%)
- Blue (100%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5930, 0.2555, 0.2533 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 52.5930, 0.2555, 0.2533 by changing the saturation by 10% instead.

■ 52.5930, 0.2555,
0.2533

■ 52.5930, 0.2555,
0.2533

396.7217, 0.2831,
0.2889

■ 37.4780, 0.2490,
0.2451

■ 94.0052, 0.2652,
0.2657

■ 25.5778, 0.2409,
0.2351

121.0712, 0.2690,
0.2705

■ 16.5080, 0.2306,
0.2224

152.8895, 0.2722,
0.2746

■ 9.8844, 0.2170,
0.2059

189.8447, 0.2749,
0.2782

■ 5.3224, 0.1984,
0.1840

232.3212, 0.2774,
0.2814

■ 2.4376, 0.1721,
0.1538

280.7032, 0.2795,


■ 0.8451, 0.1330,


0.2842


0.1112


335.3752, 0.2814,
0.2867

 0.0000, 0.0000,
0.0000


 52.5930, 0.2555,
0.2533


 52.5930, 0.2555,
0.2533

 42.1276, 0.2363,
0.2257

 64.7410, 0.2741,
0.2789


 33.2681, 0.2172,
0.1968


 78.6429, 0.2916,
0.3021

 25.9316, 0.1991,
0.1676

 94.3663, 0.3077,
0.3227

 20.0274, 0.1830,
0.1397

 100.0000, 0.3127,
0.3290

 15.4542, 0.1699,
0.1147

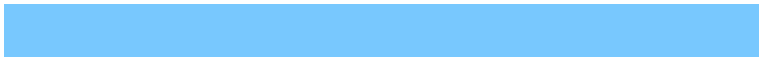
■ 12.0952, 0.1606,
0.0940

■ 10.4408, 0.1564,
0.0831

Harmonies

Analogous

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



52.5930, 0.2315, 0.2629



52.5930, 0.2555, 0.2533



52.5930, 0.2957, 0.2614

Triad

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



52.5930, 0.2555, 0.2533



52.5930, 0.4064, 0.3555



52.5930, 0.2784, 0.3805

Complementary

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



52.5930, 0.2555, 0.2533



83.6048, 0.3692, 0.3946

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.



52.5930, 0.3240, 0.4101



52.5930, 0.2555, 0.2533



52.5930, 0.3994, 0.3901

Square

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



52.5930, 0.2555, 0.2533



52.5930, 0.3856, 0.3178



52.5930, 0.3686, 0.4120



52.5930, 0.2437, 0.3346

Rectangle

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



52.5930, 0.2555, 0.2533



52.5930, 0.3277, 0.2754



52.5930, 0.3686, 0.4120



52.5930, 0.2929, 0.3930

Sweetspot

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



52.5930, 0.2555, 0.2533



83.6578, 0.2971, 0.3092



85.9965, 0.2754, 0.3526



17.4465, 0.2948, 0.3062



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.



52.5930, 0.2555, 0.2533



45.4201, 0.2427, 0.2351



47.0944, 0.2673, 0.2332



18.0701, 0.2979, 0.3103



5.6434, 0.1571, 0.0855



0.7082, 0.1628, 0.1059

Inverse Universe

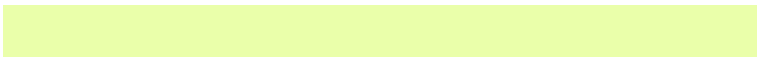
The Inverse Universe completely reimagines the original color for something new.



53.7396, 0.3724, 0.3083



47.2151, 0.3900, 0.3041



91.8752, 0.3487, 0.4167



18.0570, 0.3257, 0.3234



11.2977, 0.5982, 0.3069



1.1160, 0.5671, 0.2898

Previews

White Background



This preview shows how the Yxy color 52.5930, 0.2555, 0.2533 looks on a white background.

Color Contrast Check

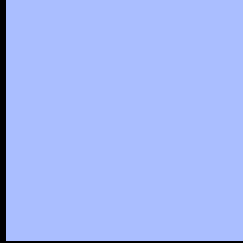
Large Text (above 18pt) WCAG AA × Fail

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 52.5930, 0.2555, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

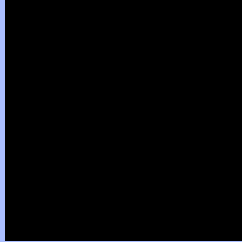
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5930, 0.2555, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 52.5930, 0.2555, 0.2533.



This preview shows how white text looks on a background with the Yxy color 52.5930, 0.2555, 0.2533.

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

52.5930, 0.2555, 0.2533

Protanopia

52.4352, 0.2578, 0.2535

Deuteranopia

52.7292, 0.2585, 0.2528



Tritanopia

52.7693, 0.2754, 0.3098

Trichromacy



Original Color

52.5930, 0.2555, 0.2533

Protanomaly

52.3216, 0.2572, 0.2534

Deuteranomaly

52.4994, 0.2572, 0.2525

Tritanomaly

52.5242, 0.2678, 0.2881

Monochromacy



Original Color

52.5930, 0.2555, 0.2533

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1839, 0.2899, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5930, 0.2555, 0.2533 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(170, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 190, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.5930, 0.2555, 0.2533 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(170, 190, 255) }
```

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

```
.border{ border-color:rgb(170, 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(170, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 190,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5930, 0.2555, 0.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 190, 255) }
```

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

```
.background{ background-color: rgb(170,  
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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