

Converting Colors

$Y_{xy}(55.2289, 0.2644, 0.2525)$

Have a look what the booklet for
Yxy(55.2289, 0.2644, 0.2525)
contains.

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Color

Yxy(55.0464, 0.2666, 0.2567)

Conversions

Conversions Part 1

Format	Color
Hex	BBBFFF
RGB	187, 191, 255
RGB Percent	73%, 75%, 100%
CMY	0.2668, 0.2509, 0.0000
CMYK	0.27, 0.25, 0.00, 0.00
HSL	236°, 100%, 87%
HSV	236°, 27%, 100%
XYZ	57.1693, 55.0464, 102.2229
YIQ	197.1000, -22.9280, 19.0560

Conversions

Conversions Part 2

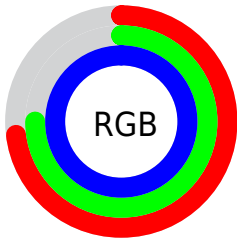
Format	Color
R_{YB}	187, 191, 255
Decimal	12304383
CIE _{Lab}	79.07, 12.29, -31.93
CIE _{LCh}	79, 34.209, 291.052
Yxy	55.0464, 0.2666, 0.2567
Android (android.graphics.Color)	4290494463 (0xFFBBBFFF)
YUV	197.1000, 28.5447, -8.8577
Hunter-Lab	74.1933, 7.7043, -29.7540

Details

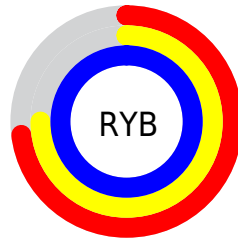
The Yxy color **55.0464, 0.2666, 0.2567** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.8167, 0.3541, 0.3923**, and the grayscale version is **55.7319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9746, 0.3061, 0.3212**, and **27.1597, 0.2546, 0.2401** is the 20% darker color. If you saturate the color by 10%, you get **42.4933, 0.2463, 0.2242**, and if you desaturate by 10%, it is **69.8873, 0.2855, 0.2865**.

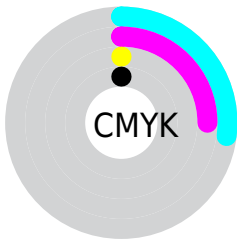
Distribution



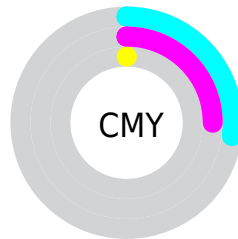
- Red (73%)
- Green (75%)
- Blue (100%)



- Red (73%)
- Yellow (75%)
- Blue (100%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0464, 0.2666, 0.2567 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 55.0464, 0.2666, 0.2567 by changing the saturation by 10% instead.

■ 55.0464, 0.2666,
0.2567

■ 55.0464, 0.2666,
0.2567

■ 406.0878, 0.2889,
0.2903

■ 39.4389, 0.2613,
0.2491

■ 97.6089, 0.2745,
0.2683

■ 27.1013, 0.2547,
0.2397

■ 125.3327, 0.2775,
0.2729

■ 17.6493, 0.2463,
0.2278

■ 157.8641, 0.2801,
0.2768

■ 10.6985, 0.2351,
0.2126

■ 195.5874, 0.2823,
0.2802

■ 5.8645, 0.2197,
0.1923

■ 238.8870, 0.2843,
0.2832

■ 2.7629, 0.1974,
0.1643

■ 288.1473, 0.2860,

■ 1.0092, 0.1634,

0.2858

0.1244

343.7528, 0.2875,
0.2882

0.0000, 0.0710,
0.0000

0.0000, 0.0000,
0.0000

55.0464, 0.2666,
0.2567

55.0464, 0.2666,
0.2567

42.4933, 0.2463,
0.2242

69.8873, 0.2855,
0.2865

32.1090, 0.2251,
0.1901

87.1161, 0.3025,
0.3131

23.7720, 0.2043,
0.1559

100.0000, 0.3127,
0.3290

17.3467, 0.1852,
0.1241

■ 12.6813, 0.1694,
0.0970

■ 9.6004, 0.1581,
0.0770

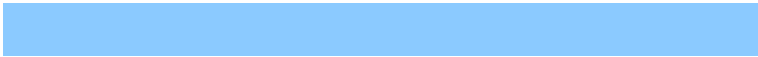
■ 7.8919, 0.1520,
0.0649

■ 7.5656, 0.1507,
0.0626

Harmonies

Analogous

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



55.0464, 0.2390, 0.2615



55.0464, 0.2666, 0.2567



55.0464, 0.3082, 0.2685

Triad

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



55.0464, 0.2666, 0.2567



55.0464, 0.4032, 0.3639



55.0464, 0.2699, 0.3676

Complementary

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



55.0464, 0.2666, 0.2567



93.8167, 0.3541, 0.3923

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.



55.0464, 0.3119, 0.4014



55.0464, 0.2666, 0.2567



55.0464, 0.3901, 0.3948

Square

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



55.0464, 0.2666, 0.2567



55.0464, 0.3900, 0.3276



55.0464, 0.3561, 0.4105



55.0464, 0.2406, 0.3228

Rectangle

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



55.0464, 0.2666, 0.2567



55.0464, 0.3392, 0.2841



55.0464, 0.3561, 0.4105



55.0464, 0.2829, 0.3810

Sweetspot

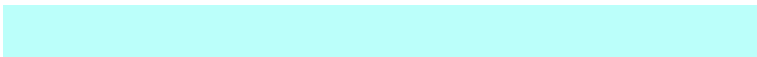
The Sweet Spot groups the original color and five complimentary colors.



55.0483, 0.2666, 0.2567



84.6964, 0.3003, 0.3097



89.0127, 0.2759, 0.3337



17.5507, 0.2978, 0.3059



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.



55.0483, 0.2666, 0.2567



48.0882, 0.2559, 0.2397



57.4170, 0.2869, 0.2563



17.5507, 0.2978, 0.3059



4.0202, 0.1510, 0.0635



0.4495, 0.1533, 0.0718

Inverse Universe

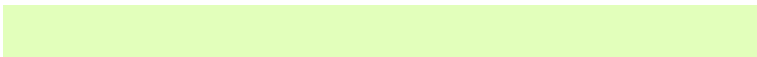
The Inverse Universe completely reimagines the original color for something new.



60.5513, 0.3671, 0.3250



54.5250, 0.3823, 0.3241



91.1982, 0.3335, 0.4005



18.0046, 0.3285, 0.3276



11.1338, 0.6341, 0.3267



1.0899, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 55.0464, 0.2666, 0.2567 looks on a white background.

Color Contrast Check

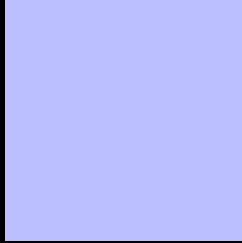
Large Text (above 18pt) WCAG AA × Fail

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 55.0464, 0.2666, 0.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

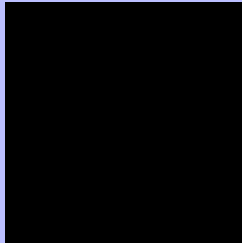
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0464, 0.2666, 0.2567

Background



This preview shows how black text looks on a background with the Yxy color 55.0464, 0.2666, 0.2567.



This preview shows how white text looks on a background with the Yxy color 55.0464, 0.2666, 0.2567.

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

55.0464, 0.2666, 0.2567

Protanopia

54.9436, 0.2616, 0.2580

Deuteranopia

54.9866, 0.2641, 0.2574



Tritanopia

55.2856, 0.2873, 0.3105

Trichromacy



Original Color

55.0464, 0.2666, 0.2567

Protanomaly

54.8644, 0.2634, 0.2572

Deuteranomaly

55.1096, 0.2648, 0.2575

Tritanomaly

55.0821, 0.2795, 0.2896

Monochromacy



Original Color

55.0464, 0.2666, 0.2567

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4296, 0.2947, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0464, 0.2666, 0.2567 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(187, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 191, 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(187, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.0464, 0.2666, 0.2567 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(187, 191, 255) }
```

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

```
.border{ border-color:rgb(187, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0464, 0.2666, 0.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 191, 255) }
```

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

```
.background{ background-color: rgb(187,  
191, 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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