

Converting Colors

$Y_{xy}(35.4679, 0.3115, 0.2572)$

Have a look what the booklet for
Yxy(35.4679, 0.3115, 0.2572)
contains.

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Color

Yxy(35.5508, 0.3121, 0.2580)

Conversions

Conversions Part 1

Format	Color
Hex	C48FC8
RGB	196, 143, 200
RGB Percent	77%, 56%, 78%
CMY	0.2315, 0.4391, 0.2157
CMYK	0.02, 0.28, 0.00, 0.22
HSL	296°, 34%, 67%
HSV	296°, 28%, 78%
XYZ	43.0054, 35.5508, 59.2376
YIQ	165.3450, 13.2910, 28.9630

Conversions

Conversions Part 2

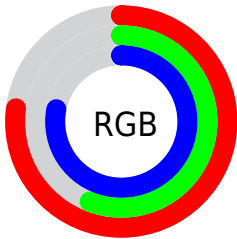
Format	Color
R_{YB}	196, 143, 200
Decimal	12881864
CIE _{Lab}	66.18, 29.65, -21.59
CIE _{LCh}	66, 36.677, 323.939
Yxy	35.5508, 0.3121, 0.2580
Android (android.graphics.Color)	4291071944 (0xFFC48FC8)
YUV	165.3450, 17.0849, 26.8844
Hunter-Lab	59.6245, 24.4041, -17.1681

Details

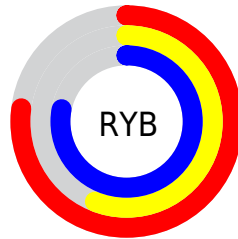
The Yxy color **35.5508, 0.3121, 0.2580** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.4998, 0.3119, 0.4100**, and the grayscale version is **37.7129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0352, 0.3139, 0.2720**, and **15.3923, 0.3101, 0.2386** is the 20% darker color. If you saturate the color by 10%, you get **29.8833, 0.3115, 0.2333**, and if you desaturate by 10%, it is **42.2937, 0.3125, 0.2833**.

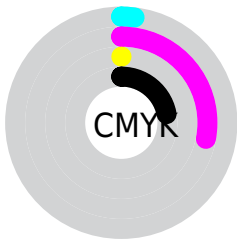
Distribution



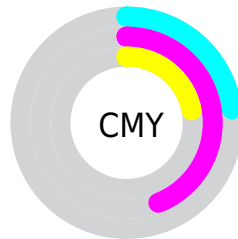
- Red (77%)
- Green (56%)
- Blue (78%)



- Red (77%)
- Yellow (56%)
- Blue (78%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)




- Cyan (23%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.5508, 0.3121, 0.2580 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 35.5508, 0.3121, 0.2580 by changing the saturation by 10% instead.


 35.5508, 0.3121,
0.2580


 35.5508, 0.3121,
0.2580


326.9929, 0.3132,
0.2930

 24.0875, 0.3116,
0.2495


 68.3382, 0.3127,
0.2706

 15.3985, 0.3108,
0.2387


 90.4310, 0.3129,
0.2753

 9.0996, 0.3094,
0.2245


116.8358, 0.3130,
0.2794

 4.8062, 0.3070,
0.2053

147.9369, 0.3131,
0.2829

 2.1340, 0.3025,
0.1780

184.1188, 0.3131,
0.2859

 0.6836, 0.2933,
0.1343

225.7658, 0.3132,

 0.0000, 0.2342,

0.2885

0.0000

273.2624, 0.3132,
0.2909

0.0000, 0.0000,
0.0000

35.5508, 0.3121,
0.2580

35.5508, 0.3121,
0.2580

29.8833, 0.3115,
0.2333

42.2937, 0.3125,
0.2833

25.2297, 0.3107,
0.2101

50.1599, 0.3127,
0.3084

21.5294, 0.3096,
0.1894


59.2003, 0.3127,
0.3326

18.7134, 0.3083,
0.1721

69.4612, 0.3126,
0.3555

16.7035, 0.3068,
0.1589


80.9862, 0.3124,
0.3770

 15.4078, 0.3051,
0.1500


 88.5926, 0.3126,
0.3889

 14.6814, 0.3034,
0.1450

 88.7942, 0.3135,
0.3888

 14.5890, 0.3031,
0.1443

 88.9976, 0.3144,
0.3886

 89.2028, 0.3153,
0.3884

Harmonies

Analogous

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



35.5508, 0.2601, 0.2419



35.5508, 0.3121, 0.2580



35.5508, 0.3690, 0.2894

Triad

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



35.5508, 0.3121, 0.2580



35.5508, 0.4045, 0.4119



35.5508, 0.2222, 0.3150

Complementary

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



35.5508, 0.3121, 0.2580



49.4998, 0.3119, 0.4100

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.



35.5508, 0.2552, 0.3720



35.5508, 0.3121, 0.2580



35.5508, 0.3602, 0.4310

Square

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



35.5508, 0.3121, 0.2580



35.5508, 0.4246, 0.3741



35.5508, 0.3054, 0.4177



35.5508, 0.2120, 0.2694

Rectangle

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



35.5508, 0.3121, 0.2580



35.5508, 0.4003, 0.3160



35.5508, 0.3054, 0.4177



35.5508, 0.2308, 0.3336

Sweetspot

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



35.5523, 0.3121, 0.2580



85.9145, 0.3127, 0.3068



31.1191, 0.2640, 0.2543



17.9362, 0.3127, 0.3031



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.



35.5523, 0.3121, 0.2580



55.4505, 0.3118, 0.2431



35.0752, 0.3392, 0.2866



10.7769, 0.3127, 0.3062



9.2928, 0.3034, 0.1445



0.4517, 0.3073, 0.1466

Inverse Universe

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



34.0387, 0.3703, 0.3239



52.4493, 0.3876, 0.3228



49.9306, 0.2930, 0.3757



10.6489, 0.3279, 0.3274



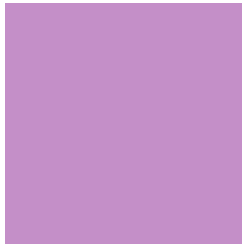
7.8331, 0.6314, 0.3252



0.3752, 0.6028, 0.3094

Previews

White Background



This preview shows how the Yxy color 35.5508, 0.3121, 0.2580 looks on a white background.

Color Contrast Check

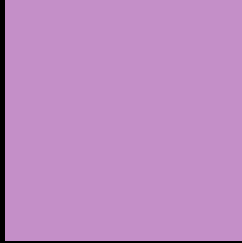
Large Text (above 18pt) WCAG AA × Fail

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 35.5508, 0.3121, 0.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

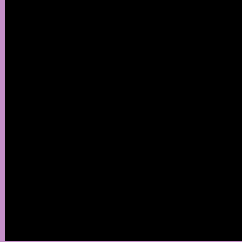
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5508, 0.3121, 0.2580

Background



This preview shows how black text looks on a background with the Yxy color 35.5508, 0.3121, 0.2580.



This preview shows how white text looks on a background with the Yxy color 35.5508, 0.3121, 0.2580.

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

35.5508, 0.3121, 0.2580

Protanopia

35.7528, 0.2606, 0.2566

Deuteranopia

35.8559, 0.2810, 0.2752



Tritanopia

35.4977, 0.3432, 0.3130

Trichromacy



Original Color

35.5508, 0.3121, 0.2580

Protanomaly

35.3359, 0.2773, 0.2559

Deuteranomaly

35.6303, 0.2913, 0.2689

Tritanomaly

35.3395, 0.3317, 0.2912

Monochromacy



Original Color

35.5508, 0.3121, 0.2580

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5584, 0.3121, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5508, 0.3121, 0.2580 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(196, 143, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 143, 200)  
}
```

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(196, 143, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 143, 200) }
```

Border

The CSS property to change the border of an element to Yxy 35.5508, 0.3121, 0.2580 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(196, 143, 200) }
```

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

```
.border{ border-color:rgb(196, 143, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 143, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 143, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 143, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 143,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5508, 0.3121, 0.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 143, 200) }
```

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

```
.background{ background-color: rgb(196,  
143, 200) }
```

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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