

Converting Colors

$Y_{xy}(35.1896, 0.2804, 0.2611)$

Have a look what the booklet for
Yxy(35.1896, 0.2804, 0.2611)
contains.

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Color

Yxy(35.1414, 0.2803, 0.2606)

Conversions

Conversions Part 1

Format	Color
Hex	A599CC
RGB	165, 153, 204
RGB Percent	65%, 60%, 80%
CMY	0.3531, 0.3999, 0.2001
CMYK	0.19, 0.25, 0.00, 0.20
HSL	254°, 33%, 70%
HSV	254°, 25%, 80%
XYZ	37.7979, 35.1414, 61.9087
YIQ	162.4020, -9.2190, 18.4050

Conversions

Conversions Part 2

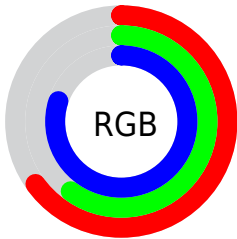
Format	Color
RYB	165, 153, 204
Decimal	10852812
CIELab	65.86, 14.85, -24.55
CIElCh	66, 28.695, 301.165
Yxy	35.1414, 0.2803, 0.2606
Android (android.graphics.Color)	4289042892 (0xFFA599CC)
YUV	162.4020, 20.5078, 2.2784
Hunter-Lab	59.2802, 10.0739, -20.4229

Details

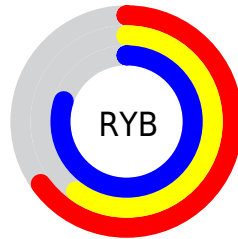
The Yxy color **35.1414, 0.2803, 0.2606** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.6945, 0.3402, 0.3929**, and the grayscale version is **36.2327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2178, 0.2909, 0.2786**, and **15.1495, 0.2690, 0.2406** is the 20% darker color. If you saturate the color by 10%, you get **27.4514, 0.2643, 0.2290**, and if you desaturate by 10%, it is **44.1804, 0.2946, 0.2900**.

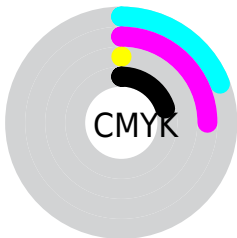
Distribution



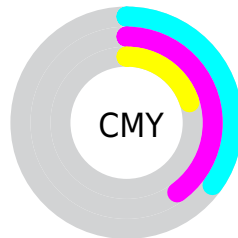
- Red (65%)
- Green (60%)
- Blue (80%)



- Red (65%)
- Yellow (60%)
- Blue (80%)



- Cyan (19%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1414, 0.2803, 0.2606 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 35.1414, 0.2803, 0.2606 by changing the saturation by 10% instead.

■ 35.1414, 0.2803,
0.2606

■ 35.1414, 0.2803,
0.2606

■ 325.1920, 0.2975,
0.2949

■ 23.7718, 0.2757,
0.2521

■ 67.7048, 0.2867,
0.2730

■ 15.1644, 0.2698,
0.2412

■ 89.6673, 0.2891,
0.2777

■ 8.9349, 0.2615,
0.2269

■ 115.9297, 0.2911,
0.2817

■ 4.6987, 0.2497,
0.2072

■ 146.8762, 0.2927,
0.2851

■ 2.0716, 0.2313,
0.1788

■ 182.8913, 0.2942,
0.2880

■ 0.6486, 0.2006,
0.1319

■ 224.3594, 0.2954,

■ 0.0000, 0.0000,

0.2906

0.0000

271.6648, 0.2965,
0.2928

■ 35.1414, 0.2803,
0.2606

■ 35.1414, 0.2803,
0.2606

■ 27.4514, 0.2643,
0.2290

■ 44.1804, 0.2946,
0.2900

■ 21.0408, 0.2469,
0.1960

■ 54.6250, 0.3071,
0.3167

■ 15.8401, 0.2287,
0.1632

■ 66.5339, 0.3179,
0.3406

■ 11.7713, 0.2105,
0.1324

■ 79.9608, 0.3272,
0.3618

■ 8.7471, 0.1934,
0.1058

■ 94.9468, 0.3351,
0.3804

■ 6.6670, 0.1786,
0.0851

■ 97.1390, 0.3430,
0.3790

■ 5.4097, 0.1670,
0.0716

■ 4.9810, 0.1624,
0.0668

Harmonies

Analogous

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



35.1414, 0.2480, 0.2596



35.1414, 0.2803, 0.2606



35.1414, 0.3237, 0.2770

Triad

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



35.1414, 0.2803, 0.2606



35.1414, 0.3993, 0.3744



35.1414, 0.2596, 0.3522

Complementary

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



35.1414, 0.2803, 0.2606



56.6945, 0.3402, 0.3929

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.



35.1414, 0.2974, 0.3906



35.1414, 0.2803, 0.2606



35.1414, 0.3788, 0.4006

Square

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



35.1414, 0.2803, 0.2606



35.1414, 0.3952, 0.3398



35.1414, 0.3411, 0.4083



35.1414, 0.2366, 0.3091

Rectangle

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



35.1414, 0.2803, 0.2606



35.1414, 0.3533, 0.2948



35.1414, 0.3411, 0.4083



35.1414, 0.2709, 0.3664

Sweetspot

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



35.1428, 0.2803, 0.2606



86.6337, 0.3046, 0.3113



48.8746, 0.2749, 0.3131



18.3087, 0.3039, 0.3097



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.



35.1428, 0.2803, 0.2606



51.0500, 0.2719, 0.2437



38.1472, 0.3031, 0.2650



10.9686, 0.3018, 0.3053



3.1713, 0.1635, 0.0674



0.1993, 0.1839, 0.0787

Inverse Universe

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



39.4338, 0.3264, 0.2810



59.4202, 0.3301, 0.2703



53.6536, 0.3198, 0.3972



11.3571, 0.3173, 0.3114



9.6113, 0.3900, 0.1922



0.5070, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 35.1414, 0.2803, 0.2606 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 35.1414, 0.2803, 0.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

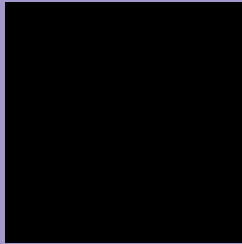
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1414, 0.2803, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 35.1414, 0.2803, 0.2606.



This preview shows how white text looks on a background with the Yxy color 35.1414, 0.2803, 0.2606.

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

35.1414, 0.2803, 0.2606

Protanopia

35.2108, 0.2632, 0.2600

Deuteranopia

35.1980, 0.2714, 0.2655



Tritanopia

35.1458, 0.3013, 0.3102

Trichromacy



Original Color

35.1414, 0.2803, 0.2606

Protanomaly

35.1520, 0.2692, 0.2594

Deuteranomaly

35.2568, 0.2746, 0.2647

Tritanomaly

35.1517, 0.2930, 0.2909

Monochromacy



Original Color

35.1414, 0.2803, 0.2606

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7571, 0.3008, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1414, 0.2803, 0.2606 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(165, 153, 204)` looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 204)  
}
```

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(165, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 204) }
```

Border

The CSS property to change the border of an element to Yxy 35.1414, 0.2803, 0.2606 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(165, 153, 204) }
```

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

```
.border{ border-color:rgb(165, 153, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 153, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1414, 0.2803, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 204) }
```

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

```
.background{ background-color: rgb(165,  
153, 204) }
```

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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