

Converting Colors

$Y_{xy}(25.7557, 0.3193, 0.2787)$

Have a look what the booklet for
Yxy(25.7557, 0.3193, 0.2787)
contains.

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Color

Yxy(25.7513, 0.3196, 0.2786)

Conversions

Conversions Part 1

Format	Color
Hex	A57FA1
RGB	165, 127, 161
RGB Percent	65%, 50%, 63%
CMY	0.3529, 0.5020, 0.3686
CMYK	0.00, 0.23, 0.02, 0.35
HSL	306°, 17%, 57%
HSV	306°, 23%, 65%
XYZ	29.5410, 25.7513, 37.1388
YIQ	142.2380, 11.7340, 18.6300

Conversions

Conversions Part 2

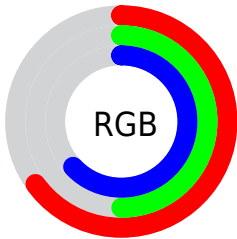
Format	Color
RYB	165, 127, 161
Decimal	10846113
CIELab	57.80, 20.58, -12.50
CIElCh	58, 24.080, 328.734
Yxy	25.7513, 0.3196, 0.2786
Android (android.graphics.Color)	4289036193 (0xFFA57FA1)
YUV	142.2380, 9.2497, 19.9623
Hunter-Lab	50.7457, 15.1064, -7.8700

Details

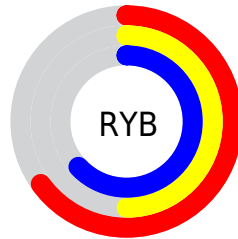
The Yxy color **25.7513, 0.3196, 0.2786** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.0621, 0.3065, 0.3852**, and the grayscale version is **27.1094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8160, 0.3180, 0.2884**, and **9.9226, 0.3227, 0.2619** is the 20% darker color. If you saturate the color by 10%, you get **21.7730, 0.3231, 0.2565**, and if you desaturate by 10%, it is **30.4307, 0.3164, 0.3008**.

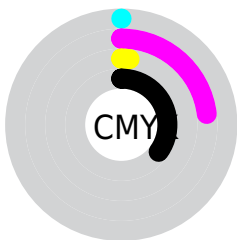
Distribution



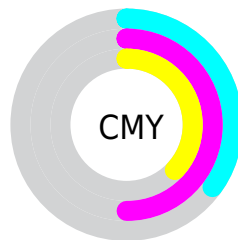
- Red (65%)
- Green (50%)
- Blue (63%)



- Red (65%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7513, 0.3196, 0.2786 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 25.7513, 0.3196, 0.2786 by changing the saturation by 10% instead.


 25.7513, 0.3196,
0.2786

 25.7513, 0.3196,
0.2786


281.5591, 0.3163,
0.3053


 16.6377, 0.3204,
0.2714


 52.8735, 0.3184,
0.2886

 9.9765, 0.3213,
0.2619


 71.6508, 0.3180,
0.2923

 5.3834, 0.3225,
0.2487


 94.4181, 0.3176,
0.2954

 2.4739, 0.3238,
0.2292

121.5599, 0.3172,
0.2980

 0.8635, 0.3250,
0.1975

153.4605, 0.3170,
0.3002

 0.0000, 0.3081,
0.0000

190.5043, 0.3167,

 0.0000, 0.0000,

0.3021

0.0000

233.0757, 0.3165,
0.3038

■ 25.7513, 0.3196,
0.2786

■ 25.7513, 0.3196,
0.2786

■ 21.7730, 0.3231,
0.2565

■ 30.4307, 0.3164,
0.3008

■ 18.4584, 0.3269,
0.2352

■ 35.8395, 0.3135,
0.3226

■ 15.7719, 0.3309,
0.2157

■ 42.0085, 0.3110,
0.3434

■ 13.6732, 0.3350,
0.1989

■ 48.9656, 0.3088,
0.3630

■ 12.1173, 0.3390,
0.1856

■ 56.7376, 0.3069,
0.3813

■ 11.0525, 0.3429,
0.1764

■ 65.3498, 0.3052,
0.3981

■ 10.4173, 0.3466,
0.1714

■ 74.8265, 0.3038,
0.4135

■ 10.1281, 0.3490,
0.1696

■ 82.6097, 0.3027,
0.4238

■ 82.6781, 0.3018,
0.4217

Harmonies

Analogous

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



25.7513, 0.2796, 0.2643



25.7513, 0.3196, 0.2786



25.7513, 0.3601, 0.3044

Triad

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



25.7513, 0.3196, 0.2786



25.7513, 0.3767, 0.3944



25.7513, 0.2427, 0.3137

Complementary

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



25.7513, 0.3196, 0.2786



33.0621, 0.3065, 0.3852

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.



25.7513, 0.2656, 0.3539



25.7513, 0.3196, 0.2786



25.7513, 0.3426, 0.4029

Square

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



25.7513, 0.3196, 0.2786



25.7513, 0.3940, 0.3692



25.7513, 0.3019, 0.3882



25.7513, 0.2374, 0.2817

Rectangle

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



25.7513, 0.3196, 0.2786



25.7513, 0.3808, 0.3255



25.7513, 0.3019, 0.3882



25.7513, 0.2485, 0.3268

Sweetspot

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



25.7524, 0.3196, 0.2786



60.0531, 0.3147, 0.3138



22.7051, 0.2785, 0.2667



13.0121, 0.3148, 0.3126



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.7524, 0.3196, 0.2786



42.0609, 0.3215, 0.2664



25.1377, 0.3407, 0.3059



7.1893, 0.3153, 0.3091



7.6659, 0.3487, 0.1694



0.1645, 0.3374, 0.1632

Inverse Universe

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



25.7524, 0.3196, 0.2786



42.0609, 0.3215, 0.2664



33.6194, 0.2912, 0.3535



7.1893, 0.3153, 0.3091



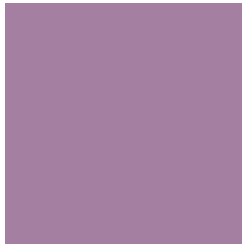
7.6659, 0.3487, 0.1694



0.1645, 0.3374, 0.1632

Previews

White Background



This preview shows how the Yxy color 25.7513, 0.3196, 0.2786 looks on a white background.

Color Contrast Check

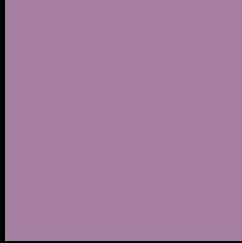
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7513, 0.3196, 0.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

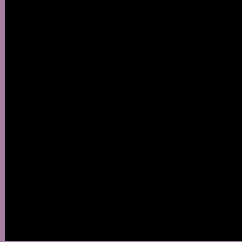
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7513, 0.3196, 0.2786

Background



This preview shows how black text looks on a background with the Yxy color 25.7513, 0.3196, 0.2786.



This preview shows how white text looks on a background with the Yxy color 25.7513, 0.3196, 0.2786.

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

25.7513, 0.3196, 0.2786

Protanopia

25.9096, 0.2782, 0.2808

Deuteranopia

25.9512, 0.2973, 0.2924



Tritanopia

25.8371, 0.3378, 0.3136

Trichromacy



Original Color

25.7513, 0.3196, 0.2786

Protanomaly

25.6961, 0.2926, 0.2803

Deuteranomaly

25.8924, 0.3048, 0.2871

Tritanomaly

25.8899, 0.3312, 0.3016

Monochromacy



Original Color

25.7513, 0.3196, 0.2786

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5453, 0.3147, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7513, 0.3196, 0.2786 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, 127, 161)` looks like.

```
.text, #text, p{  
    color:rgb(165, 127, 161)  
}
```

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, 127, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 127, 161) }
```

Border

The CSS property to change the border of an element to Yxy 25.7513, 0.3196, 0.2786 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, 127, 161) }
```

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

```
.border{ border-color:rgb(165, 127, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 127, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 127, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 127, 161);  
box-shadow:4px 4px 4px 4px rgb(165, 127,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7513, 0.3196, 0.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 127, 161) }
```

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

```
.background{ background-color: rgb(165,  
127, 161) }
```

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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