

Converting Colors

$Y_{xy}(26.0001, 0.3194, 0.2781)$

Have a look what the booklet for
Yxy(26.0001, 0.3194, 0.2781)
contains.

| | |
|---|----|
| Yxy(25.8944, 0.3197, 0.2774) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(25.8944, 0.3197, 0.2774)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A67FA2 |
| RGB | 166, 127, 162 |
| RGB Percent | 65%, 50%, 64% |
| CMY | 0.3489, 0.5020, 0.3647 |
| CMYK | 0.00, 0.24, 0.02, 0.35 |
| HSL | 306°, 18%, 57% |
| HSV | 306°, 24%, 65% |
| XYZ | 29.8430, 25.8944, 37.6094 |
| YIQ | 142.6510, 12.0090, 19.1530 |

Conversions

Conversions Part 2

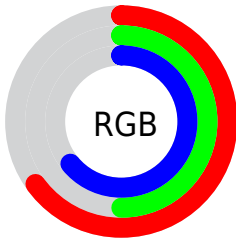
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 166, 127, 162 |
| Decimal | 10911650 |
| CIE _{Lab} | 57.94, 21.14, -12.85 |
| CIE _{LCh} | 58, 24.743, 328.712 |
| Yxy | 25.8944, 0.3197, 0.2774 |
| Android (android.graphics.Color) | 4289101730 (0xFFA67FA2) |
| YUV | 142.6510, 9.5391, 20.4771 |
| Hunter-Lab | 50.8865, 15.6318, -8.1997 |

Details

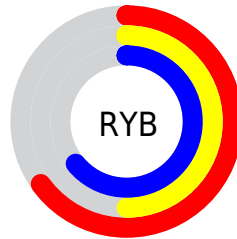
The Yxy color **25.8944, 0.3197, 0.2774** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.4368, 0.3064, 0.3867**, and the grayscale version is **27.2812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0244, 0.3180, 0.2874**, and **10.0110, 0.3227, 0.2604** is the 20% darker color. If you saturate the color by 10%, you get **21.8943, 0.3232, 0.2553**, and if you desaturate by 10%, it is **30.6044, 0.3165, 0.2997**.

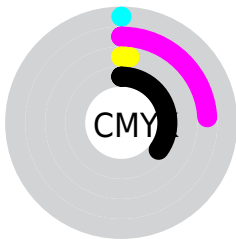
Distribution



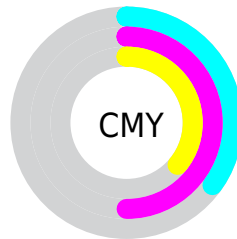
- Red (65%)
- Green (50%)
- Blue (64%)



- Red (65%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8944, 0.3197, 0.2774 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 25.8944, 0.3197, 0.2774 by changing the saturation by 10% instead.


 25.8944, 0.3197,
0.2774


 25.8944, 0.3197,
0.2774


282.2633, 0.3163,
0.3046

 16.7447, 0.3205,
0.2701


 53.1045, 0.3185,
0.2877

 10.0526, 0.3214,
0.2604


 71.9337, 0.3181,
0.2914

 5.4339, 0.3226,
0.2470


 94.7582, 0.3177,
0.2945

 2.5040, 0.3239,
0.2273

121.9623, 0.3173,
0.2972

 0.8786, 0.3249,
0.1954

153.9305, 0.3170,
0.2994

 0.0000, 0.3152,
0.0000

191.0471, 0.3168,

 0.0000, 0.0000,

0.3014

0.0000

233.6966, 0.3165,
0.3031

■ 25.8944, 0.3197,
0.2774

■ 25.8944, 0.3197,
0.2774

■ 21.8943, 0.3232,
0.2553

■ 30.6044, 0.3165,
0.2997

■ 18.5659, 0.3270,
0.2340

■ 36.0531, 0.3136,
0.3215

■ 15.8731, 0.3309,
0.2146


■ 42.2718, 0.3111,
0.3424

■ 13.7746, 0.3350,
0.1979

■ 49.2891, 0.3089,
0.3622

■ 12.2243, 0.3389,
0.1848


■ 57.1321, 0.3070,
0.3805

 11.1695, 0.3428,
0.1758


 65.8266, 0.3054,
0.3975

 10.5470, 0.3463,
0.1710

 75.3974, 0.3039,
0.4130

 10.2775, 0.3485,
0.1694

 82.7549, 0.3028,
0.4226

 82.8231, 0.3019,
0.4205

Harmonies

Analogous

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



25.8944, 0.2787, 0.2628



25.8944, 0.3197, 0.2774



25.8944, 0.3612, 0.3037

Triad

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



25.8944, 0.3197, 0.2774



25.8944, 0.3783, 0.3960



25.8944, 0.2410, 0.3133

Complementary

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



25.8944, 0.3197, 0.2774



33.4368, 0.3064, 0.3867

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.



25.8944, 0.2644, 0.3545



25.8944, 0.3197, 0.2774



25.8944, 0.3433, 0.4048

Square

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



25.8944, 0.3197, 0.2774



25.8944, 0.3960, 0.3701



25.8944, 0.3016, 0.3898



25.8944, 0.2356, 0.2805

Rectangle

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



25.8944, 0.3197, 0.2774



25.8944, 0.3826, 0.3253



25.8944, 0.3016, 0.3898



25.8944, 0.2469, 0.3267

Sweetspot

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



25.8955, 0.3197, 0.2774



61.6722, 0.3146, 0.3137



22.7469, 0.2776, 0.2651



13.6749, 0.3148, 0.3125



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.8955, 0.3197, 0.2774



43.1877, 0.3214, 0.2663



25.2580, 0.3415, 0.3053



7.6531, 0.3153, 0.3090



7.9696, 0.3482, 0.1692



0.1976, 0.3382, 0.1636

Inverse Universe

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



25.8955, 0.3197, 0.2774



43.1877, 0.3214, 0.2663



34.0130, 0.2908, 0.3540



7.6531, 0.3153, 0.3090



7.9696, 0.3482, 0.1692



0.1976, 0.3382, 0.1636

Previews

White Background



This preview shows how the Yxy color 25.8944, 0.3197, 0.2774 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 25.8944, 0.3197, 0.2774 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 25.8944, 0.3197, 0.2774

Background



This preview shows how black text looks on a background with the Yxy color 25.8944, 0.3197, 0.2774.



This preview shows how white text looks on a background with the Yxy color 25.8944, 0.3197, 0.2774.

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

25.8944, 0.3197, 0.2774

Protanopia

25.9848, 0.2765, 0.2778

Deuteranopia

25.9860, 0.2964, 0.2909



Tritanopia

25.9422, 0.3389, 0.3137

Trichromacy



Original Color

25.8944, 0.3197, 0.2774

Protanomaly

25.7695, 0.2907, 0.2774

Deuteranomaly

25.9276, 0.3038, 0.2856

Tritanomaly

26.0277, 0.3313, 0.3002

Monochromacy



Original Color

25.8944, 0.3197, 0.2774

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6726, 0.3148, 0.3085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8944, 0.3197, 0.2774 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(166, 127, 162)` looks like.

```
.text, #text, p{  
    color:rgb(166, 127, 162)  
}
```

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(166, 127, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 127, 162) }
```

Border

The CSS property to change the border of an element to Yxy 25.8944, 0.3197, 0.2774 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(166, 127, 162) }
```

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

```
.border{ border-color:rgb(166, 127, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 127, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 127, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 127, 162);  
box-shadow:4px 4px 4px 4px rgb(166, 127,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8944, 0.3197, 0.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 127, 162) }
```

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

```
.background{ background-color: rgb(166,  
127, 162) }
```

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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