

Converting Colors

$Y_{xy}(25.7083, 0.3007, 0.2886)$

Have a look what the booklet for
Yxy(25.7083, 0.3007, 0.2886)
contains.

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Color

Yxy(25.7913, 0.3005, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	9386A0
RGB	147, 134, 160
RGB Percent	58%, 53%, 63%
CMY	0.4236, 0.4745, 0.3724
CMYK	0.08, 0.16, 0.00, 0.37
HSL	270°, 12%, 58%
HSV	270°, 16%, 63%
XYZ	26.9014, 25.7913, 36.8294
YIQ	140.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

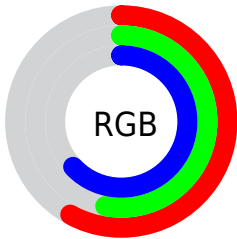
Format	Color
RYB	147, 134, 160
Decimal	9668256
CIELab	57.84, 10.01, -12.04
CIELCh	58, 15.662, 309.745
Yxy	25.7913, 0.3005, 0.2881
Android (android.graphics.Color)	4287858336 (0xFF9386A0)
YUV	140.8510, 9.4405, 5.3927
Hunter-Lab	50.7851, 5.6792, -7.4475

Details

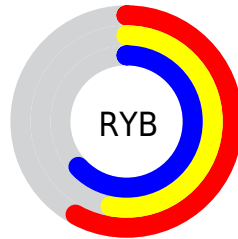
The Yxy color **25.7913, 0.3005, 0.2881** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.0802, 0.3234, 0.3699**, and the grayscale version is **26.5371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8645, 0.3030, 0.2959**, and **9.9316, 0.2946, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **20.9820, 0.2914, 0.2605**, and if you desaturate by 10%, it is **31.3240, 0.3084, 0.3139**.

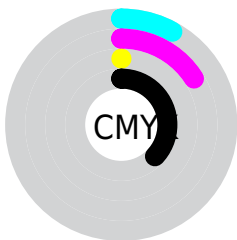
Distribution



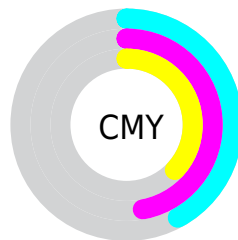
- Red (58%)
- Green (53%)
- Blue (63%)



- Red (58%)
- Yellow (53%)
- Blue (63%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7913, 0.3005, 0.2881 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 25.7913, 0.3005, 0.2881 by changing the saturation by 10% instead.

■ 25.7913, 0.3005,
0.2881

■ 25.7913, 0.3005,
0.2881

■ 281.7561, 0.3074,
0.3100

■ 16.6676, 0.2985,
0.2821

■ 52.9381, 0.3032,
0.2964

■ 9.9978, 0.2957,
0.2741

■ 71.7299, 0.3042,
0.2995

■ 5.3975, 0.2915,
0.2627

■ 94.5132, 0.3049,
0.3020

■ 2.4823, 0.2849,
0.2456

■ 121.6724, 0.3056,
0.3041

■ 0.8678, 0.2725,
0.2169

■ 153.5919, 0.3061,
0.3059

■ 0.0000, 0.0284,
0.0000

■ 190.6561, 0.3066,

■ 0.0000, 0.0000,

0.3075

0.0000

233.2494, 0.3070,
0.3088

■ 25.7913, 0.3005,
0.2881

■ 25.7913, 0.3005,
0.2881

■ 20.9820, 0.2914,
0.2605

■ 31.3240, 0.3084,
0.3139

■ 16.8617, 0.2810,
0.2318

■ 37.6059, 0.3151,
0.3376

■ 13.3982, 0.2696,
0.2026

■ 44.6655, 0.3208,
0.3592

■ 10.5553, 0.2571,
0.1741

■ 52.5289, 0.3255,
0.3787

■ 8.2933, 0.2442,
0.1477

■ 61.2210, 0.3295,
0.3961

■ 6.5674, 0.2312,
0.1248

■ 70.7655, 0.3328,
0.4117

■ 5.3262, 0.2187,
0.1066

■ 81.1851, 0.3355,
0.4256

■ 4.4975, 0.2072,
0.0936

■ 87.9350, 0.3391,
0.4320

■ 4.2343, 0.2031,
0.0892

■ 89.1515, 0.3444,
0.4302

Harmonies

Analogous

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



25.7913, 0.2777, 0.2850



25.7913, 0.3005, 0.2881



25.7913, 0.3276, 0.3010

Triad

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



25.7913, 0.3005, 0.2881



25.7913, 0.3631, 0.3632



25.7913, 0.2750, 0.3359

Complementary

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



25.7913, 0.3005, 0.2881



33.0802, 0.3234, 0.3699

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.



25.7913, 0.2967, 0.3597



25.7913, 0.3005, 0.2881



25.7913, 0.3477, 0.3751

Square

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



25.7913, 0.3005, 0.2881



25.7913, 0.3646, 0.3432



25.7913, 0.3232, 0.3743



25.7913, 0.2635, 0.3112

Rectangle

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



25.7913, 0.3005, 0.2881



25.7913, 0.3443, 0.3136



25.7913, 0.3232, 0.3743



25.7913, 0.2813, 0.3444

Sweetspot

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



25.7924, 0.3005, 0.2881



58.1092, 0.3092, 0.3168



28.6158, 0.2879, 0.3087



12.5881, 0.3087, 0.3151



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.7924, 0.3005, 0.2881



43.0559, 0.2969, 0.2769



27.0231, 0.3141, 0.2898



6.5895, 0.3062, 0.3064



3.3236, 0.2040, 0.0898



0.0846, 0.2490, 0.1145

Inverse Universe

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



26.6371, 0.3282, 0.3090



44.9519, 0.3330, 0.3036



31.9766, 0.3111, 0.3715



6.6989, 0.3210, 0.3178



6.2847, 0.4910, 0.2478



0.1209, 0.4095, 0.2030

Previews

White Background



This preview shows how the Yxy color 25.7913, 0.3005, 0.2881 looks on a white background.

Color Contrast Check

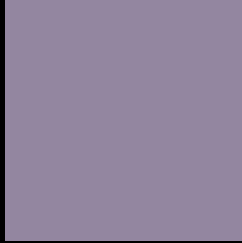
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7913, 0.3005, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

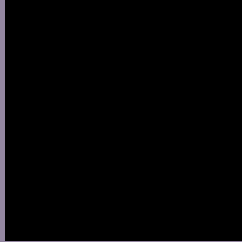
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7913, 0.3005, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 25.7913, 0.3005, 0.2881.



This preview shows how white text looks on a background with the Yxy color 25.7913, 0.3005, 0.2881.

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

25.7913, 0.3005, 0.2881

Protanopia

25.8896, 0.2846, 0.2886

Deuteranopia

25.9860, 0.2964, 0.2909



Tritanopia

25.7346, 0.3114, 0.3112

Trichromacy



Original Color

25.7913, 0.3005, 0.2881

Protanomaly

25.9889, 0.2904, 0.2890

Deuteranomaly

25.7953, 0.2974, 0.2894

Tritanomaly

25.7059, 0.3074, 0.3018

Monochromacy



Original Color

25.7913, 0.3005, 0.2881

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1547, 0.3081, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7913, 0.3005, 0.2881 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(147, 134, 160)` looks like.

```
.text, #text, p{  
    color:rgb(147, 134, 160)  
}
```

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(147, 134, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 160) }
```

Border

The CSS property to change the border of an element to Yxy 25.7913, 0.3005, 0.2881 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(147, 134, 160) }
```

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

```
.border{ border-color:rgb(147, 134, 160) }
```

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

Here you see how a box with a 4 pixel rgb(147, 134, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 160);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7913, 0.3005, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 160) }
```

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

```
.background{ background-color: rgb(147,  
134, 160) }
```

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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