

Converting Colors

$Y_{xy}(25.1516, 0.2995, 0.2848)$

Have a look what the booklet for
Yxy(25.1516, 0.2995, 0.2848)
contains.

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Color

Yxy(25.1516, 0.2995, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	9284A0
RGB	146, 132, 160
RGB Percent	57%, 52%, 63%
CMY	0.4274, 0.4823, 0.3726
CMYK	0.09, 0.17, 0.00, 0.37
HSL	270°, 13%, 57%
HSV	270°, 17%, 63%
XYZ	26.4498, 25.1516, 36.7118
YIQ	139.3780, -0.6440, 11.6760

Conversions

Conversions Part 2

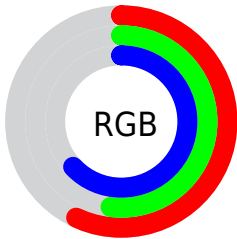
Format	Color
R_{YB}	146, 132, 160
Decimal	9602208
CIE _{Lab}	57.22, 10.82, -12.96
CIE _{LCh}	57, 16.880, 309.868
Yxy	25.1516, 0.2995, 0.2848
Android (android.graphics.Color)	4287792288 (0xFF9284A0)
YUV	139.3780, 10.1666, 5.8075
Hunter-Lab	50.1514, 6.3759, -8.2955

Details

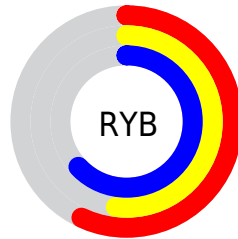
The Yxy color **25.1516, 0.2995, 0.2848** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.9128, 0.3242, 0.3733**, and the grayscale version is **25.9327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8836, 0.3022, 0.2934**, and **9.7021, 0.2944, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **20.4338, 0.2903, 0.2571**, and if you desaturate by 10%, it is **30.5882, 0.3075, 0.3108**.

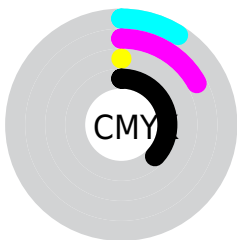
Distribution



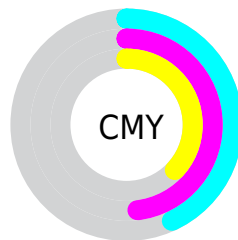
- Red (57%)
- Green (52%)
- Blue (63%)



- Red (57%)
- Yellow (52%)
- Blue (63%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)





- Cyan (43%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1516, 0.2995, 0.2848 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 25.1516, 0.2995, 0.2848 by changing the saturation by 10% instead.


 25.1516, 0.2995,
0.2848


 25.1516, 0.2995,
0.2848


278.5921, 0.3070,
0.3085


 16.1900, 0.2973,
0.2783


 51.9031, 0.3025,
0.2938

 9.6587, 0.2942,
0.2696


 70.4617, 0.3035,
0.2971

 5.1733, 0.2897,
0.2573

 92.9883, 0.3043,
0.2998

 2.3493, 0.2822,
0.2387

119.8670, 0.3050,
0.3021

 0.7996, 0.2686,
0.2070

151.4823, 0.3056,
0.3041

 0.0000, 0.0000,
0.0000

188.2187, 0.3062,

0.3057

230.4605, 0.3066,
0.3072

■ 25.1516, 0.2995,
0.2848

■ 25.1516, 0.2995,
0.2848

■ 20.4338, 0.2903,
0.2571

■ 30.5882, 0.3075,
0.3108

■ 16.4003, 0.2798,
0.2282

■ 36.7698, 0.3143,
0.3348

■ 13.0186, 0.2682,
0.1991

■ 43.7249, 0.3201,
0.3567

■ 10.2521, 0.2558,
0.1708

■ 51.4799, 0.3249,
0.3764

■ 8.0606, 0.2428,
0.1448

■ 60.0596, 0.3290,
0.3941

6.3988, 0.2299,
0.1224

69.4879, 0.3323,
0.4099

5.2141, 0.2175,
0.1049

79.7877, 0.3350,
0.4240

4.4207, 0.2062,
0.0923

87.7534, 0.3383,
0.4323

4.2448, 0.2034,
0.0894

88.9561, 0.3436,
0.4305

Harmonies

Analogous

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



25.1516, 0.2748, 0.2813



25.1516, 0.2995, 0.2848



25.1516, 0.3289, 0.2988

Triad

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



25.1516, 0.2995, 0.2848



25.1516, 0.3675, 0.3660



25.1516, 0.2717, 0.3363

Complementary

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



25.1516, 0.2995, 0.2848



32.9128, 0.3242, 0.3733

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.



25.1516, 0.2951, 0.3624



25.1516, 0.2995, 0.2848



25.1516, 0.3506, 0.3792

Square

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



25.1516, 0.2995, 0.2848



25.1516, 0.3692, 0.3443



25.1516, 0.3239, 0.3784



25.1516, 0.2594, 0.3094

Rectangle

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



25.1516, 0.2995, 0.2848



25.1516, 0.3472, 0.3124



25.1516, 0.3239, 0.3784



25.1516, 0.2785, 0.3456

Sweetspot

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



25.1527, 0.2995, 0.2848



58.1119, 0.3092, 0.3168



27.9999, 0.2859, 0.3063



12.5887, 0.3088, 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.



25.1527, 0.2995, 0.2848



42.1716, 0.2960, 0.2741



26.5135, 0.3147, 0.2868



6.5901, 0.3062, 0.3064



3.3335, 0.2044, 0.0900



0.0847, 0.2493, 0.1147

Inverse Universe

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



26.0508, 0.3297, 0.3075



44.1419, 0.3343, 0.3024



31.7089, 0.3106, 0.3751



6.6987, 0.3210, 0.3179



6.2813, 0.4917, 0.2483



0.1209, 0.4100, 0.2032

Previews

White Background



This preview shows how the Yxy color 25.1516, 0.2995, 0.2848 looks on a white background.

Color Contrast Check

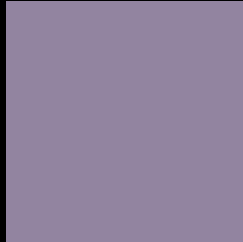
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1516, 0.2995, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

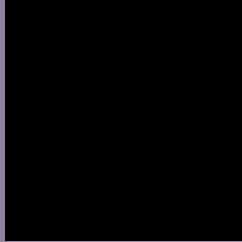
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1516, 0.2995, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 25.1516, 0.2995, 0.2848.



This preview shows how white text looks on a background with the Yxy color 25.1516, 0.2995, 0.2848.

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

25.1516, 0.2995, 0.2848

Protanopia

25.1582, 0.2824, 0.2850

Deuteranopia

25.1637, 0.2932, 0.2872



Tritanopia

25.3016, 0.3124, 0.3127

Trichromacy



Original Color

25.1516, 0.2995, 0.2848

Protanomaly

25.2549, 0.2883, 0.2855

Deuteranomaly

25.0639, 0.2952, 0.2858

Tritanomaly

25.2719, 0.3084, 0.3032

Monochromacy



Original Color

25.1516, 0.2995, 0.2848

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4657, 0.3081, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1516, 0.2995, 0.2848 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(146, 132, 160)` looks like.

```
.text, #text, p{  
    color:rgb(146, 132, 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(146, 132, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 132, 160) }
```

Border

The CSS property to change the border of an element to Yxy 25.1516, 0.2995, 0.2848 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(146, 132, 160) }
```

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

```
.border{ border-color:rgb(146, 132, 160) }
```

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

Here you see how a box with a 4 pixel rgb(146, 132, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 132, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 132, 160);  
box-shadow:4px 4px 4px 4px rgb(146, 132,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1516, 0.2995, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 132, 160) }
```

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

```
.background{ background-color: rgb(146,  
132, 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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