

Converting Colors

$Y_{xy}(25.8697, 0.3503, 0.3203)$

Have a look what the booklet for
Yxy(25.8697, 0.3503, 0.3203)
contains.

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Color

Yxy(25.9300, 0.3508, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	A78287
RGB	167, 130, 135
RGB Percent	65%, 51%, 53%
CMY	0.3451, 0.4902, 0.4706
CMYK	0.00, 0.22, 0.19, 0.35
HSL	352°, 17%, 58%
HSV	352°, 22%, 65%
XYZ	28.2931, 25.9300, 26.4300
YIQ	141.6330, 20.4470, 9.3990

Conversions

Conversions Part 2

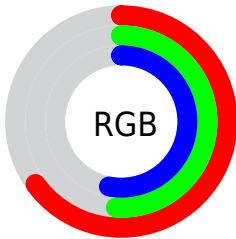
Format	Color
R_{YB}	167, 130, 135
Decimal	10977927
CIE _{Lab}	57.97, 15.01, 2.78
CIE _{LCh}	58, 15.265, 10.475
Yxy	25.9300, 0.3508, 0.3215
Android (android.graphics.Color)	4289168007 (0xFFA78287)
YUV	141.6330, -3.2701, 22.2469
Hunter-Lab	50.9215, 10.0660, 4.8715

Details

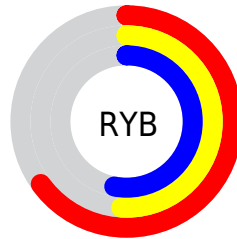
The Yxy color $25.9300, 0.3508, 0.3215$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.9973, 0.2843, 0.3367$, and the grayscale version is $26.9055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1858, 0.3431, 0.3233$, and $9.9706, 0.3653, 0.3182$ is the 20% darker color. If you saturate the color by 10%, you get $21.4631, 0.3747, 0.3179$, and if you desaturate by 10%, it is $31.1756, 0.3314, 0.3250$.

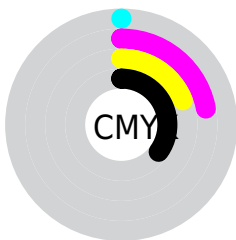
Distribution



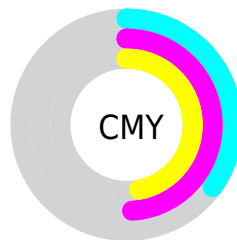
- Red (65%)
- Green (51%)
- Blue (53%)



- Red (65%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9300, 0.3508, 0.3215 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 25.9300, 0.3508, 0.3215 by changing the saturation by 10% instead.


 25.9300, 0.3508,
0.3215


 25.9300, 0.3508,
0.3215


282.4383, 0.3298,
0.3258


 16.7713, 0.3568,
0.3202


 53.1620, 0.3426,
0.3232

 10.0716, 0.3651,
0.3184


 72.0041, 0.3397,
0.3238

 5.4464, 0.3771,
0.3156


 94.8427, 0.3374,
0.3243

 2.5115, 0.3962,
0.3110

122.0623, 0.3354,
0.3247

 0.8824, 0.4331,
0.3033

154.0473, 0.3337,
0.3250

 0.0000, 1.0000,
0.0000


191.1820, 0.3322,


 0.0000, 0.0000,


0.3253


0.0000


233.8509, 0.3309,
0.3256


 25.9300, 0.3508,
0.3215


 25.9300, 0.3508,
0.3215

 21.4631, 0.3747,
0.3179


 31.1756, 0.3314,
0.3250


 17.7345, 0.4040,
0.3145


 37.2310, 0.3157,
0.3283


 14.7054, 0.4388,
0.3115


 44.1296, 0.3030,
0.3314


 12.3319, 0.4788,
0.3096


 51.9021, 0.2927,
0.3342

 10.5655, 0.5219,
0.3094


 60.5777, 0.2843,
0.3367

 9.3506, 0.5641,
0.3114


 70.1840, 0.2774,
0.3390

 8.6215, 0.5998,
0.3159

 80.7476, 0.2717,
0.3411

 8.2767, 0.6212,
0.3196

 86.6765, 0.2658,
0.3337

 86.9568, 0.2638,
0.3289

Harmonies

Analogous

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



25.9300, 0.3278, 0.3021



25.9300, 0.3508, 0.3215



25.9300, 0.3633, 0.3434

Triad

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



25.9300, 0.3508, 0.3215



25.9300, 0.3223, 0.3728



25.9300, 0.2659, 0.2936

Complementary

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



25.9300, 0.3508, 0.3215



34.9973, 0.2843, 0.3367

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.



25.9300, 0.2646, 0.3112



25.9300, 0.3508, 0.3215



25.9300, 0.2965, 0.3583

Square

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



25.9300, 0.3508, 0.3215



25.9300, 0.3463, 0.3740



25.9300, 0.2756, 0.3351



25.9300, 0.2790, 0.2861

Rectangle

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



25.9300, 0.3508, 0.3215



25.9300, 0.3638, 0.3569



25.9300, 0.2756, 0.3351



25.9300, 0.2641, 0.2985

Sweetspot

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



25.9312, 0.3508, 0.3215



61.0980, 0.3231, 0.3267



26.3810, 0.3092, 0.2742



13.5368, 0.3239, 0.3265



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.



25.9312, 0.3508, 0.3215



42.0021, 0.3629, 0.3196



29.4599, 0.3526, 0.3487



7.5582, 0.3265, 0.3260



6.3368, 0.6194, 0.3186



0.1590, 0.5529, 0.2819

Inverse Universe

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



25.9312, 0.3508, 0.3215



42.0021, 0.3629, 0.3196



30.6668, 0.2790, 0.3084



7.5582, 0.3265, 0.3260



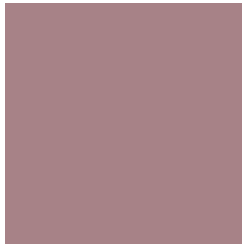
6.3368, 0.6194, 0.3186



0.1590, 0.5529, 0.2819

Previews

White Background



This preview shows how the Yxy color 25.9300, 0.3508, 0.3215 looks on a white background.

Color Contrast Check

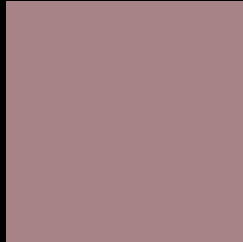
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9300, 0.3508, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

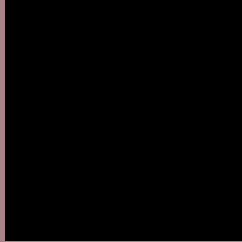
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9300, 0.3508, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 25.9300, 0.3508, 0.3215.



This preview shows how white text looks on a background with the Yxy color 25.9300, 0.3508, 0.3215.

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

25.9300, 0.3508, 0.3215

Protanopia

26.1095, 0.3150, 0.3274

Deuteranopia

26.0177, 0.3366, 0.3307



Tritanopia

25.8894, 0.3475, 0.3140

Trichromacy



Original Color

25.9300, 0.3508, 0.3215

Protanomaly

26.0226, 0.3275, 0.3258

Deuteranomaly

25.8672, 0.3417, 0.3275

Tritanomaly

25.8603, 0.3487, 0.3155

Monochromacy



Original Color

25.9300, 0.3508, 0.3215

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6203, 0.3261, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9300, 0.3508, 0.3215 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(167, 130, 135)` looks like.

```
.text, #text, p{  
    color:rgb(167, 130, 135)  
}
```

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(167, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 130, 135) }
```

Border

The CSS property to change the border of an element to Yxy 25.9300, 0.3508, 0.3215 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(167, 130, 135) }
```

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

```
.border{ border-color:rgb(167, 130, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 130, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 130, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 130, 135);  
box-shadow:4px 4px 4px 4px rgb(167, 130,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9300, 0.3508, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 130, 135) }
```

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

```
.background{ background-color: rgb(167,  
130, 135) }
```

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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