

Converting Colors

$Y_{xy}(29.0093, 0.3222, 0.2948)$

Have a look what the booklet for
Yxy(29.0093, 0.3222, 0.2948)
contains.

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Color

Yxy(29.0750, 0.3218, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	A88AA1
RGB	168, 138, 161
RGB Percent	66%, 54%, 63%
CMY	0.3413, 0.4587, 0.3687
CMYK	0.00, 0.18, 0.04, 0.34
HSL	314°, 15%, 60%
HSV	314°, 18%, 66%
XYZ	31.6627, 29.0750, 37.6548
YIQ	149.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

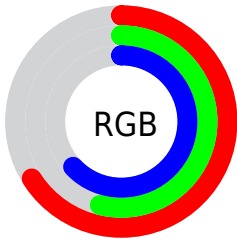
Format	Color
R_{YB}	168, 138, 161
Decimal	11045537
CIE _{Lab}	60.85, 15.37, -7.89
CIE _{LCh}	61, 17.275, 332.832
Yxy	29.0750, 0.3218, 0.2955
Android (android.graphics.Color)	4289235617 (0xFFA88AA1)
YUV	149.5920, 5.6241, 16.1438
Hunter-Lab	53.9212, 10.4536, -3.6591

Details

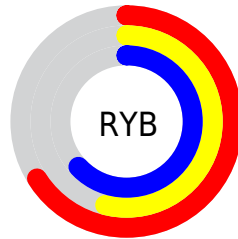
The Yxy color $29.0750, 0.3218, 0.2955$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $35.4403, 0.3047, 0.3650$, and the grayscale version is $30.2891, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.3451, 0.3196, 0.3023$, and $11.7966, 0.3258, 0.2857$ is the 20% darker color. If you saturate the color by 10%, you get $24.4869, 0.3280, 0.2760$, and if you desaturate by 10%, it is $34.4154, 0.3164, 0.3146$.

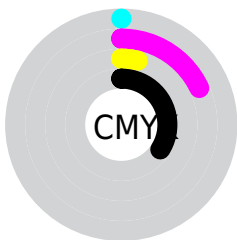
Distribution



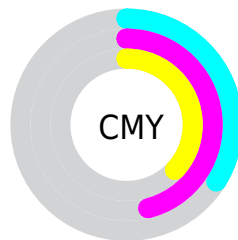
- Red (66%)
- Green (54%)
- Blue (63%)



- Red (66%)
- Yellow (54%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (34%)





- Cyan (34%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0750, 0.3218, 0.2955 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 29.0750, 0.3218, 0.2955 by changing the saturation by 10% instead.

 29.0750, 0.3218,
0.2955

 29.0750, 0.3218,
0.2955


297.5687, 0.3171,
0.3131


 19.1376, 0.3230,
0.2908


 58.1962, 0.3201,
0.3021

 11.7697, 0.3246,
0.2846


 78.1488, 0.3194,
0.3045

 6.5871, 0.3268,
0.2759


 102.2086, 0.3189,
0.3066

 3.2052, 0.3299,
0.2631

130.7599, 0.3184,
0.3083

 1.2398, 0.3348,
0.2423

164.1871, 0.3180,
0.3097

 0.0939, 0.3832,
0.0774

202.8748, 0.3177,

 0.0000, 0.0000,

0.3110

0.0000

247.2071, 0.3174,
0.3121

■ 29.0750, 0.3218,
0.2955

■ 29.0750, 0.3218,
0.2955

■ 24.4869, 0.3280,
0.2760

■ 34.4154, 0.3164,
0.3146

■ 20.6130, 0.3350,
0.2568

■ 40.5361, 0.3118,
0.3329

■ 17.4177, 0.3429,
0.2385

■ 47.4687, 0.3078,
0.3502

■ 14.8610, 0.3514,
0.2220

■ 55.2415, 0.3045,
0.3663

■ 12.8984, 0.3604,
0.2084

■ 63.8818, 0.3017,
0.3812

■ 11.4798, 0.3696,
0.1986

■ 73.4154, 0.2993,
0.3949

■ 10.5469, 0.3788,
0.1933

■ 83.4877, 0.2974,
0.4069

■ 10.0031, 0.3877,
0.1921

■ 83.6592, 0.2953,
0.4021

■ 9.9012, 0.3897,
0.1920

■ 83.8354, 0.2933,
0.3973

Harmonies

Analogous

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



29.0750, 0.2935, 0.2840



29.0750, 0.3218, 0.2955



29.0750, 0.3486, 0.3150

Triad

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



29.0750, 0.3218, 0.2955



29.0750, 0.3546, 0.3760



29.0750, 0.2623, 0.3157

Complementary

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



29.0750, 0.3218, 0.2955



35.4403, 0.3047, 0.3650

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.



29.0750, 0.2773, 0.3425



29.0750, 0.3218, 0.2955



29.0750, 0.3302, 0.3787

Square

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



29.0750, 0.3218, 0.2955



29.0750, 0.3679, 0.3607



29.0750, 0.3019, 0.3663



29.0750, 0.2602, 0.2943

Rectangle

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



29.0750, 0.3218, 0.2955



29.0750, 0.3616, 0.3305



29.0750, 0.3019, 0.3663



29.0750, 0.2660, 0.3244

Sweetspot

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



29.0763, 0.3218, 0.2955



65.3785, 0.3151, 0.3197



26.9838, 0.2905, 0.2825



14.0924, 0.3154, 0.3184



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.



29.0763, 0.3218, 0.2955



49.6709, 0.3239, 0.2886



28.5946, 0.3371, 0.3164



7.6363, 0.3171, 0.3118



7.4889, 0.3889, 0.1916



0.1893, 0.3624, 0.1770

Inverse Universe

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



29.0763, 0.3218, 0.2955



49.6709, 0.3239, 0.2886



35.9160, 0.2931, 0.3420



7.6363, 0.3171, 0.3118



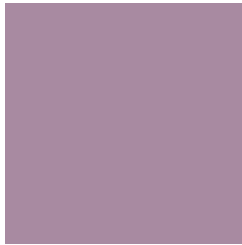
7.4889, 0.3889, 0.1916



0.1893, 0.3624, 0.1770

Previews

White Background



This preview shows how the Yxy color 29.0750, 0.3218, 0.2955 looks on a white background.

Color Contrast Check

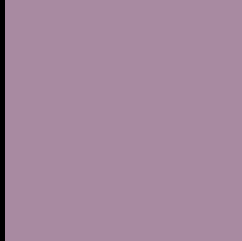
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0750, 0.3218, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

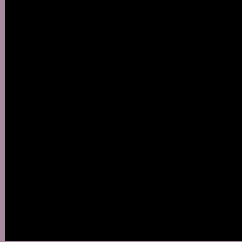
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0750, 0.3218, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 29.0750, 0.3218, 0.2955.



This preview shows how white text looks on a background with the Yxy color 29.0750, 0.3218, 0.2955.

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

29.0750, 0.3218, 0.2955

Protanopia

29.2402, 0.2921, 0.2980

Deuteranopia

29.1515, 0.3087, 0.3032



Tritanopia

29.2060, 0.3309, 0.3127

Trichromacy



Original Color

29.0750, 0.3218, 0.2955

Protanomaly

29.0976, 0.3029, 0.2971

Deuteranomaly

29.0614, 0.3141, 0.3005

Tritanomaly

29.0473, 0.3268, 0.3054

Monochromacy



Original Color

29.0750, 0.3218, 0.2955

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0590, 0.3164, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0750, 0.3218, 0.2955 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(168, 138, 161)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 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(168, 138, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 161) }
```

Border

The CSS property to change the border of an element to Yxy 29.0750, 0.3218, 0.2955 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(168, 138, 161) }
```

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

```
.border{ border-color:rgb(168, 138, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 161);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0750, 0.3218, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 161) }
```

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

```
.background{ background-color: rgb(168,  
138, 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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