

Converting Colors

$Y_{xy}(26.4225, 0.3221, 0.2798)$

Have a look what the booklet for
Yxy(26.4225, 0.3221, 0.2798)
contains.

Yxy(26.3718, 0.3218, 0.2793)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.3718, 0.3218, 0.2793)

Conversions

Conversions Part 1

Format	Color
Hex	A880A2
RGB	168, 128, 162
RGB Percent	66%, 50%, 64%
CMY	0.3413, 0.4980, 0.3648
CMYK	0.00, 0.24, 0.04, 0.34
HSL	309°, 19%, 58%
HSV	309°, 24%, 66%
XYZ	30.3847, 26.3718, 37.6646
YIQ	143.8360, 12.9260, 19.0540

Conversions

Conversions Part 2

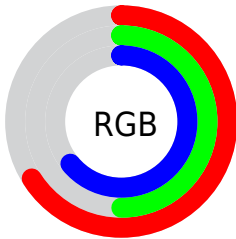
Format	Color
R_{YB}	168, 128, 162
Decimal	11042978
CIE _{Lab}	58.39, 21.24, -12.14
CIE _{LCh}	58, 24.467, 330.252
Yxy	26.3718, 0.3218, 0.2793
Android (android.graphics.Color)	4289233058 (0xFFA880A2)
YUV	143.8360, 8.9549, 21.1918
Hunter-Lab	51.3535, 15.7458, -7.5381

Details

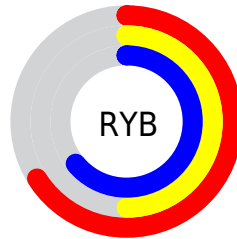
The Yxy color **26.3718, 0.3218, 0.2793** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.3093, 0.3048, 0.3844**, and the grayscale version is **27.7799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9048, 0.3204, 0.2889**, and **10.2194, 0.3242, 0.2628** is the 20% darker color. If you saturate the color by 10%, you get **22.2583, 0.3264, 0.2581**, and if you desaturate by 10%, it is **31.2148, 0.3176, 0.3006**.

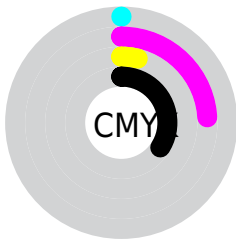
Distribution



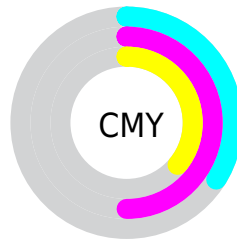
- Red (66%)
- Green (50%)
- Blue (64%)



- Red (66%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (34%)





- Cyan (34%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3718, 0.3218, 0.2793 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 26.3718, 0.3218, 0.2793 by changing the saturation by 10% instead.


 26.3718, 0.3218,
0.2793


 26.3718, 0.3218,
0.2793


284.6025, 0.3173,
0.3055


 17.1020, 0.3229,
0.2723


 53.8741, 0.3202,
0.2892

 10.3072, 0.3243,
0.2630


 72.8755, 0.3195,
0.2927

 5.6031, 0.3261,
0.2502


 95.8894, 0.3190,
0.2958

 2.6053, 0.3285,
0.2312

123.3004, 0.3186,
0.2983

 0.9293, 0.3314,
0.2007

155.4928, 0.3182,
0.3005

 0.0000, 0.3478,
0.0000

192.8510, 0.3178,

 0.0000, 0.0000,

0.3024

0.0000

235.7595, 0.3175,
0.3040

■ 26.3718, 0.3218,
0.2793

■ 26.3718, 0.3218,
0.2793

■ 22.2583, 0.3264,
0.2581

■ 31.2148, 0.3176,
0.3006

■ 18.8353, 0.3315,
0.2377

■ 36.8172, 0.3140,
0.3213

■ 16.0651, 0.3370,
0.2191

■ 43.2112, 0.3108,
0.3412

■ 13.9053, 0.3426,
0.2030

■ 50.4264, 0.3080,
0.3599

■ 12.3083, 0.3483,
0.1905

■ 58.4905, 0.3057,
0.3773

■ 11.2195, 0.3539,
0.1822

■ 67.4302, 0.3037,
0.3934

■ 10.5735, 0.3593,
0.1782

■ 77.2709, 0.3020,
0.4081

■ 10.2994, 0.3625,
0.1771

■ 83.2256, 0.3006,
0.4145

■ 83.3308, 0.2993,
0.4114

Harmonies

Analogous

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



26.3718, 0.2812, 0.2642



26.3718, 0.3218, 0.2793



26.3718, 0.3623, 0.3057

Triad

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



26.3718, 0.3218, 0.2793



26.3718, 0.3758, 0.3958



26.3718, 0.2414, 0.3117

Complementary

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



26.3718, 0.3218, 0.2793



34.3093, 0.3048, 0.3844

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.



26.3718, 0.2637, 0.3520



26.3718, 0.3218, 0.2793



26.3718, 0.3408, 0.4033

Square

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



26.3718, 0.3218, 0.2793



26.3718, 0.3943, 0.3711



26.3718, 0.2997, 0.3873



26.3718, 0.2371, 0.2800

Rectangle

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



26.3718, 0.3218, 0.2793



26.3718, 0.3826, 0.3272



26.3718, 0.2997, 0.3873



26.3718, 0.2470, 0.3247

Sweetspot

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



26.3730, 0.3218, 0.2793



63.2778, 0.3151, 0.3145



23.2832, 0.2785, 0.2645



13.6661, 0.3153, 0.3133



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.



26.3730, 0.3218, 0.2793



43.4254, 0.3244, 0.2671



25.7379, 0.3435, 0.3070



7.6470, 0.3159, 0.3100



7.7858, 0.3620, 0.1768



0.1945, 0.3465, 0.1683

Inverse Universe

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



26.3730, 0.3218, 0.2793



43.4254, 0.3244, 0.2671



34.8985, 0.2895, 0.3522



7.6470, 0.3159, 0.3100



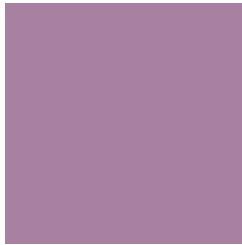
7.7858, 0.3620, 0.1768



0.1945, 0.3465, 0.1683

Previews

White Background



This preview shows how the Yxy color 26.3718, 0.3218, 0.2793 looks on a white background.

Color Contrast Check

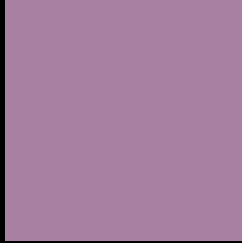
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3718, 0.3218, 0.2793 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 26.3718, 0.3218, 0.2793

Background



This preview shows how black text looks on a background with the Yxy color 26.3718, 0.3218, 0.2793.



This preview shows how white text looks on a background with the Yxy color 26.3718, 0.3218, 0.2793.

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

26.3718, 0.3218, 0.2793

Protanopia

26.4358, 0.2785, 0.2797

Deuteranopia

26.4491, 0.2985, 0.2927



Tritanopia

26.4549, 0.3399, 0.3138

Trichromacy



Original Color

26.3718, 0.3218, 0.2793

Protanomaly

26.2290, 0.2928, 0.2793

Deuteranomaly

26.3957, 0.3060, 0.2875

Tritanomaly

26.5095, 0.3334, 0.3020

Monochromacy



Original Color

26.3718, 0.3218, 0.2793

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1836, 0.3158, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3718, 0.3218, 0.2793 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, 128, 162)` looks like.

```
.text, #text, p{  
    color:rgb(168, 128, 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(168, 128, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 128, 162) }
```

Border

The CSS property to change the border of an element to Yxy 26.3718, 0.3218, 0.2793 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, 128, 162) }
```

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

```
.border{ border-color:rgb(168, 128, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 128, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 128, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 128, 162);  
box-shadow:4px 4px 4px 4px rgb(168, 128,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3718, 0.3218, 0.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 128, 162) }
```

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

```
.background{ background-color: rgb(168,  
128, 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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