

Converting Colors

$Y_{xy}(26.0712, 0.3368, 0.3025)$

Have a look what the booklet for
Yxy(26.0712, 0.3368, 0.3025)
contains.

Yxy(26.0226, 0.3372, 0.3020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.0226, 0.3372, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	A78193
RGB	167, 129, 147
RGB Percent	65%, 51%, 58%
CMY	0.3450, 0.4941, 0.4236
CMYK	0.00, 0.23, 0.12, 0.35
HSL	332°, 18%, 58%
HSV	332°, 23%, 65%
XYZ	29.0557, 26.0226, 31.0893
YIQ	142.4140, 16.8700, 13.6540

Conversions

Conversions Part 2

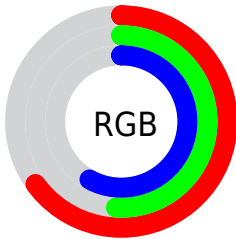
Format	Color
R_{YB}	167, 129, 147
Decimal	10977683
CIE _{Lab}	58.06, 17.60, -4.01
CIE _{LCh}	58, 18.056, 347.164
Yxy	26.0226, 0.3372, 0.3020
Android (android.graphics.Color)	4289167763 (0xFFA78193)
YUV	142.4140, 2.2609, 21.5619
Hunter-Lab	51.0124, 12.3987, -0.4254

Details

The Yxy color **26.0226, 0.3372, 0.3020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4838, 0.2936, 0.3577**, and the grayscale version is **27.2096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3609, 0.3324, 0.3074**, and **10.0813, 0.3478, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **21.7118, 0.3516, 0.2895**, and if you desaturate by 10%, it is **31.0761, 0.3252, 0.3142**.

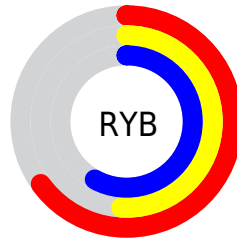
Distribution



Red (65%)

Green (51%)

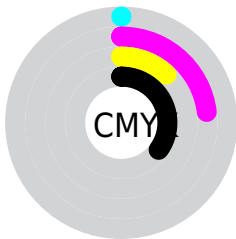
Blue (58%)



Red (65%)

Yellow (51%)

Blue (58%)

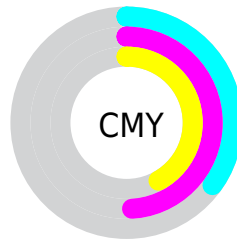


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (35%)



Cyan (35%)


Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0226, 0.3372, 0.3020 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 26.0226, 0.3372, 0.3020 by changing the saturation by 10% instead.


 26.0226, 0.3372,
0.3020


 26.0226, 0.3372,
0.3020


282.8930, 0.3239,
0.3166


 16.8405, 0.3409,
0.2980


 53.3114, 0.3321,
0.3076

 10.1209, 0.3460,
0.2926


 72.1869, 0.3303,
0.3096

 5.4792, 0.3532,
0.2848


 95.0624, 0.3287,
0.3112

 2.5311, 0.3645,
0.2730

122.3223, 0.3275,
0.3126

 0.8921, 0.3844,
0.2527

154.3509, 0.3264,
0.3138

 0.0000, 0.8293,
0.0000

191.5326, 0.3254,

 0.0000, 0.0000,

0.3149

0.0000

234.2518, 0.3246,
0.3158

■ 26.0226, 0.3372,
0.3020

■ 26.0226, 0.3372,
0.3020

■ 21.7118, 0.3516,
0.2895

■ 31.0761, 0.3252,
0.3142

■ 18.1047, 0.3686,
0.2772

■ 36.9019, 0.3152,
0.3259

■ 15.1644, 0.3884,
0.2659

■ 43.5319, 0.3069,
0.3368

■ 12.8487, 0.4109,
0.2565

■ 50.9956, 0.3001,
0.3470

■ 11.1109, 0.4356,
0.2502

■ 59.3206, 0.2944,
0.3563

■ 9.8976, 0.4615,
0.2482

■ 68.5335, 0.2897,
0.3649

■ 9.1449, 0.4873,
0.2514

■ 78.6597, 0.2859,
0.3727

■ 8.7828, 0.5057,
0.2559

■ 84.7682, 0.2820,
0.3719

■ 85.2396, 0.2776,
0.3615

Harmonies

Analogous

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



26.0226, 0.3061, 0.2851



26.0226, 0.3372, 0.3020



26.0226, 0.3624, 0.3256

Triad

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



26.0226, 0.3372, 0.3020



26.0226, 0.3465, 0.3834



26.0226, 0.2554, 0.3022

Complementary

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



26.0226, 0.3372, 0.3020



34.4838, 0.2936, 0.3577

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.



26.0226, 0.2650, 0.3294



26.0226, 0.3372, 0.3020



26.0226, 0.3169, 0.3786

Square

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



26.0226, 0.3372, 0.3020



26.0226, 0.3676, 0.3725



26.0226, 0.2872, 0.3583



26.0226, 0.2600, 0.2842

Rectangle

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



26.0226, 0.3372, 0.3020



26.0226, 0.3718, 0.3427



26.0226, 0.2872, 0.3583



26.0226, 0.2570, 0.3106

Sweetspot

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



26.0238, 0.3372, 0.3020



61.3478, 0.3193, 0.3209



24.8466, 0.2954, 0.2703



13.5968, 0.3198, 0.3202



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.



26.0238, 0.3372, 0.3020



42.7863, 0.3437, 0.2961



25.6700, 0.3580, 0.3301



7.5992, 0.3215, 0.3184



6.7284, 0.5035, 0.2547



0.1741, 0.4284, 0.2134

Inverse Universe

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



26.0238, 0.3372, 0.3020



42.7863, 0.3437, 0.2961



34.8720, 0.2796, 0.3279



7.5992, 0.3215, 0.3184



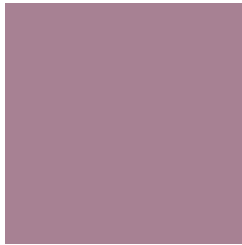
6.7284, 0.5035, 0.2547



0.1741, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 26.0226, 0.3372, 0.3020 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 26.0226, 0.3372, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

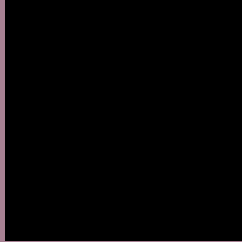
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0226, 0.3372, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 26.0226, 0.3372, 0.3020.



This preview shows how white text looks on a background with the Yxy color 26.0226, 0.3372, 0.3020.

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

26.0226, 0.3372, 0.3020

Protanopia

26.1684, 0.2979, 0.3061

Deuteranopia

26.2630, 0.3190, 0.3131



Tritanopia

25.9657, 0.3438, 0.3139

Trichromacy



Original Color

26.0226, 0.3372, 0.3020

Protanomaly

25.9519, 0.3117, 0.3036

Deuteranomaly

26.0185, 0.3261, 0.3088

Tritanomaly

26.0554, 0.3403, 0.3093

Monochromacy



Original Color

26.0226, 0.3372, 0.3020

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4842, 0.3210, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0226, 0.3372, 0.3020 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, 129, 147)` looks like.

```
.text, #text, p{  
    color:rgb(167, 129, 147)  
}
```

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, 129, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 129, 147) }
```

Border

The CSS property to change the border of an element to Yxy 26.0226, 0.3372, 0.3020 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, 129, 147) }
```

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

```
.border{ border-color:rgb(167, 129, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 129, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 129, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 129, 147);  
box-shadow:4px 4px 4px 4px rgb(167, 129,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0226, 0.3372, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 129, 147) }
```

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

```
.background{ background-color: rgb(167,  
129, 147) }
```

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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