

Converting Colors

$Y_{xy}(27.1389, 0.3350, 0.3055)$

Have a look what the booklet for
Yxy(27.1389, 0.3350, 0.3055)
contains.

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Color

Yxy(27.1605, 0.3342, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	A78595
RGB	167, 133, 149
RGB Percent	65%, 52%, 58%
CMY	0.3450, 0.4784, 0.4157
CMYK	0.00, 0.20, 0.11, 0.35
HSL	332°, 16%, 59%
HSV	332°, 20%, 65%
XYZ	29.7510, 27.1605, 32.1101
YIQ	144.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

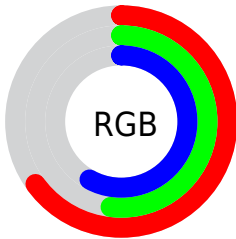
Format	Color
RYB	167, 133, 149
Decimal	10978709
CIELab	59.12, 15.68, -3.60
CIElCh	59, 16.092, 347.064
Yxy	27.1605, 0.3342, 0.3051
Android (android.graphics.Color)	4289168789 (0xFFA78595)
YUV	144.9900, 1.9769, 19.3028
Hunter-Lab	52.1157, 10.6968, -0.0494

Details

The Yxy color $27.1605, 0.3342, 0.3051$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $34.8635, 0.2955, 0.3542$, and the grayscale version is $28.2994, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9592, 0.3295, 0.3097$, and $10.7132, 0.3431, 0.2972$ is the 20% darker color. If you saturate the color by 10%, you get $22.6746, 0.3481, 0.2927$, and if you desaturate by 10%, it is $32.3974, 0.3226, 0.3172$.

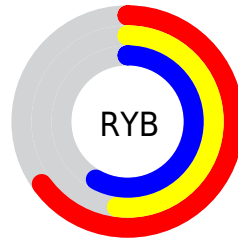
Distribution



Red (65%)

Green (52%)

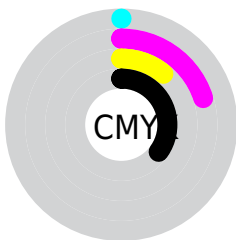
Blue (58%)



Red (65%)

Yellow (52%)

Blue (58%)

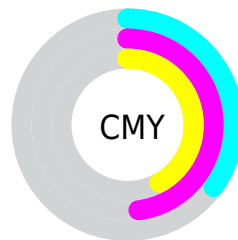


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (35%)



Cyan (35%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1605, 0.3342, 0.3051 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 27.1605, 0.3342, 0.3051 by changing the saturation by 10% instead.


 27.1605, 0.3342,
0.3051


 27.1605, 0.3342,
0.3051


288.4334, 0.3226,
0.3179

 17.6938, 0.3374,
0.3016


 55.1413, 0.3298,
0.3100

 10.7304, 0.3418,
0.2968


 74.4242, 0.3282,
0.3118

 5.8858, 0.3480,
0.2901


 97.7480, 0.3268,
0.3132

 2.7758, 0.3576,
0.2799

125.4970, 0.3257,
0.3145

 1.0158, 0.3743,
0.2625

158.0556, 0.3248,
0.3155

 0.0000, 0.6654,
0.0000

195.8083, 0.3239,

 0.0000, 0.0000,

0.3164

0.0000

239.1394, 0.3232,
0.3172

■ 27.1605, 0.3342,
0.3051

■ 27.1605, 0.3342,
0.3051

■ 22.6746, 0.3481,
0.2927

■ 32.3974, 0.3226,
0.3172

■ 18.9014, 0.3645,
0.2804

■ 38.4141, 0.3130,
0.3286

■ 15.8044, 0.3838,
0.2688

■ 45.2424, 0.3051,
0.3393

■ 13.3427, 0.4058,
0.2589

■ 52.9111, 0.2985,
0.3492

■ 11.4707, 0.4302,
0.2518

■ 61.4479, 0.2931,
0.3583

■ 10.1368, 0.4561,
0.2487

■ 70.8789, 0.2886,
0.3666

■ 9.2801, 0.4822,
0.2507

■ 81.2292, 0.2849,
0.3742

■ 8.7756, 0.5067,
0.2565

■ 84.8906, 0.2808,
0.3691

■ 85.3709, 0.2764,
0.3587

Harmonies

Analogous

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



27.1605, 0.3069, 0.2901



27.1605, 0.3342, 0.3051



27.1605, 0.3563, 0.3261

Triad

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



27.1605, 0.3342, 0.3051



27.1605, 0.3426, 0.3767



27.1605, 0.2621, 0.3057

Complementary

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



27.1605, 0.3342, 0.3051



34.8635, 0.2955, 0.3542

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.



27.1605, 0.2707, 0.3296



27.1605, 0.3342, 0.3051



27.1605, 0.3167, 0.3724

Square

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



27.1605, 0.3342, 0.3051



27.1605, 0.3610, 0.3674



27.1605, 0.2905, 0.3547



27.1605, 0.2662, 0.2896

Rectangle

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



27.1605, 0.3342, 0.3051



27.1605, 0.3645, 0.3413



27.1605, 0.2905, 0.3547



27.1605, 0.2636, 0.3131

Sweetspot

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



27.1617, 0.3342, 0.3051



62.4245, 0.3183, 0.3221



26.1037, 0.2975, 0.2769



13.8223, 0.3189, 0.3214



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.



27.1617, 0.3342, 0.3051



45.2096, 0.3395, 0.3001



26.8407, 0.3521, 0.3300



7.5989, 0.3215, 0.3184



6.7237, 0.5045, 0.2553



0.1740, 0.4290, 0.2137

Inverse Universe

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



27.1617, 0.3342, 0.3051



45.2096, 0.3395, 0.3001



35.2121, 0.2829, 0.3280



7.5989, 0.3215, 0.3184



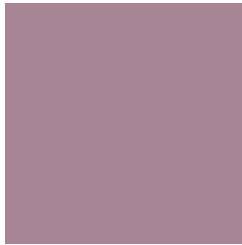
6.7237, 0.5045, 0.2553



0.1740, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 27.1605, 0.3342, 0.3051 looks on a white background.

Color Contrast Check

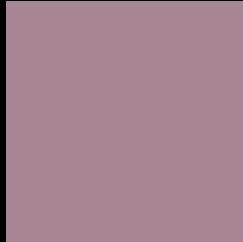
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1605, 0.3342, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

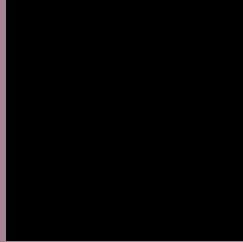
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1605, 0.3342, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 27.1605, 0.3342, 0.3051.



This preview shows how white text looks on a background with the Yxy color 27.1605, 0.3342, 0.3051.

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

27.1605, 0.3342, 0.3051

Protanopia

27.4299, 0.3011, 0.3098

Deuteranopia

27.1851, 0.3200, 0.3134



Tritanopia

27.1708, 0.3384, 0.3140

Trichromacy



Original Color

27.1605, 0.3342, 0.3051

Protanomaly

27.3115, 0.3126, 0.3086

Deuteranomaly

27.1174, 0.3258, 0.3106

Tritanomaly

27.2325, 0.3362, 0.3110

Monochromacy



Original Color

27.1605, 0.3342, 0.3051

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8974, 0.3206, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1605, 0.3342, 0.3051 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, 133, 149)` looks like.

```
.text, #text, p{  
    color:rgb(167, 133, 149)  
}
```

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, 133, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 133, 149) }
```

Border

The CSS property to change the border of an element to Yxy 27.1605, 0.3342, 0.3051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

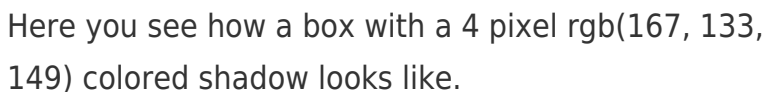
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 133, 149) }
```

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

```
.border{ border-color:rgb(167, 133, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 133, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 133, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 133, 149); box-shadow:4px 4px 4px 4px rgb(167, 133, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1605, 0.3342, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 133, 149) }
```

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

```
.background{ background-color: rgb(167,  
133, 149) }
```

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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