

Converting Colors

$Yxy(34.0472, 0.2990, 0.2973)$

Have a look what the booklet for
Yxy(34.0472, 0.2990, 0.2973)
contains.

Yxy(34.1941, 0.2989, 0.2975)	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(34.1941, 0.2989, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	A19BB1
RGB	161, 155, 177
RGB Percent	63%, 61%, 69%
CMY	0.3686, 0.3921, 0.3058
CMYK	0.09, 0.12, 0.00, 0.31
HSL	256°, 12%, 65%
HSV	256°, 12%, 69%
XYZ	34.3550, 34.1941, 46.3890
YIQ	159.3020, -3.4860, 8.1140

Conversions

Conversions Part 2

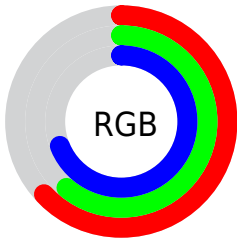
Format	Color
R _Y B	161, 155, 177
Decimal	10591153
CIE Lab	65.12, 6.53, -10.64
CIE LCh	65, 12.480, 301.537
Yxy	34.1941, 0.2989, 0.2975
Android (android.graphics.Color)	4288781233 (0xFFA19BB1)
YUV	159.3020, 8.7251, 1.4891
Hunter-Lab	58.4757, 2.5378, -6.1020

Details

The Yxy color $34.1941, 0.2989, 0.2975$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $42.4749, 0.3255, 0.3597$, and the grayscale version is $34.7775, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.0831, 0.3016, 0.3027$, and $14.6071, 0.2943, 0.2886$ is the 20% darker color. If you saturate the color by 10%, you get $27.4590, 0.2859, 0.2693$, and if you desaturate by 10%, it is $41.9336, 0.3102, 0.3232$.

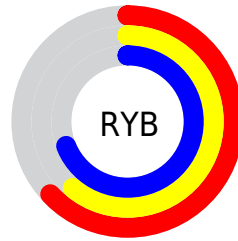
Distribution



Red (63%)

Green (61%)

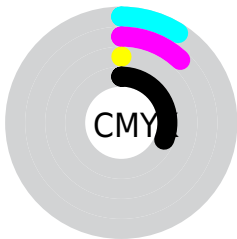
Blue (69%)



Red (63%)

Yellow (61%)

Blue (69%)

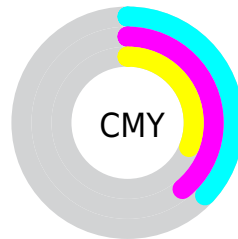


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (39%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1941, 0.2989, 0.2975 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 34.1941, 0.2989, 0.2975 by changing the saturation by 10% instead.

■ 34.1941, 0.2989,
0.2975

■ 34.1941, 0.2989,
0.2975

■ 320.9967, 0.3062,
0.3138

■ 23.0428, 0.2969,
0.2933

■ 66.2354, 0.3017,
0.3035

■ 14.6251, 0.2943,
0.2877

■ 87.8941, 0.3027,
0.3058

■ 8.5567, 0.2906,
0.2801

■ 113.8241, 0.3035,
0.3077

■ 4.4532, 0.2851,
0.2691

■ 144.4098, 0.3042,
0.3092

■ 1.9302, 0.2761,
0.2519

■ 180.0354, 0.3048,
0.3106

■ 0.5664, 0.2602,
0.2113

■ 221.0856, 0.3054,

■ 0.0000, 0.0000,

0.3118

0.0000

267.9445, 0.3058,
0.3129

■ 34.1941, 0.2989,
0.2975

■ 34.1941, 0.2989,
0.2975

■ 27.4590, 0.2859,
0.2693

■ 41.9336, 0.3102,
0.3232

■ 21.6825, 0.2713,
0.2388

■ 50.7123, 0.3199,
0.3462

■ 16.8214, 0.2552,
0.2068

■ 60.5687, 0.3283,
0.3665

■ 12.8277, 0.2380,
0.1746

■ 71.5379, 0.3353,
0.3845

■ 9.6487, 0.2205,
0.1437

■ 83.6536, 0.3413,
0.4003

■ 7.2259, 0.2035,
0.1162

■ 92.9211, 0.3477,
0.4087

■ 5.4928, 0.1880,
0.0938

■ 95.2347, 0.3565,
0.4064

■ 4.3707, 0.1751,
0.0779

■ 95.9547, 0.3591,
0.4057

■ 3.8079, 0.1672,
0.0695

Harmonies

Analogous

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



34.1941, 0.2837, 0.2976



34.1941, 0.2989, 0.2975



34.1941, 0.3183, 0.3052

Triad

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



34.1941, 0.2989, 0.2975



34.1941, 0.3506, 0.3506



34.1941, 0.2890, 0.3391

Complementary

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



34.1941, 0.2989, 0.2975



42.4749, 0.3255, 0.3597

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.



34.1941, 0.3064, 0.3547



34.1941, 0.2989, 0.2975



34.1941, 0.3421, 0.3610

Square

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



34.1941, 0.2989, 0.2975



34.1941, 0.3486, 0.3352



34.1941, 0.3258, 0.3627



34.1941, 0.2781, 0.3210

Rectangle

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



34.1941, 0.2989, 0.2975



34.1941, 0.3309, 0.3138



34.1941, 0.3258, 0.3627



34.1941, 0.2943, 0.3449

Sweetspot

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



34.1955, 0.2989, 0.2975



72.6990, 0.3085, 0.3192



39.3231, 0.2939, 0.3206



15.5240, 0.3077, 0.3173



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.1955, 0.2989, 0.2975



57.6498, 0.2954, 0.2898



35.3754, 0.3092, 0.2985



8.3384, 0.3026, 0.3058



2.7850, 0.1681, 0.0700



0.1172, 0.1996, 0.0873

Inverse Universe

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



35.7334, 0.3196, 0.3069



60.9782, 0.3214, 0.3018



41.3028, 0.3157, 0.3606



8.6064, 0.3178, 0.3126



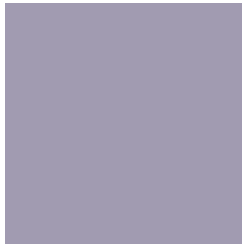
7.9275, 0.4029, 0.1993



0.2586, 0.3754, 0.1841

Previews

White Background



This preview shows how the Yxy color 34.1941, 0.2989, 0.2975 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.1941, 0.2989, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

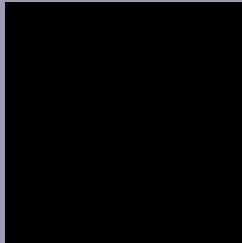
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1941, 0.2989, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 34.1941, 0.2989, 0.2975.



This preview shows how white text looks on a background with the Yxy color 34.1941, 0.2989, 0.2975.

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

34.1941, 0.2989, 0.2975

Protanopia

34.2969, 0.2926, 0.2986

Deuteranopia

34.1780, 0.3017, 0.2963



Tritanopia

34.1151, 0.3049, 0.3101

Trichromacy



Original Color

34.1941, 0.2989, 0.2975

Protanomaly

34.1594, 0.2944, 0.2972

Deuteranomaly

34.0721, 0.3008, 0.2962

Tritanomaly

34.2291, 0.3023, 0.3058

Monochromacy



Original Color

34.1941, 0.2989, 0.2975

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6805, 0.3075, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1941, 0.2989, 0.2975 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(161, 155, 177)` looks like.

```
.text, #text, p{  
    color:rgb(161, 155, 177)  
}
```

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(161, 155, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 155, 177) }
```

Border

The CSS property to change the border of an element to Yxy 34.1941, 0.2989, 0.2975 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(161, 155, 177) }
```

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

```
.border{ border-color:rgb(161, 155, 177) }
```

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

Here you see how a box with a 4 pixel rgb(161, 155, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 155, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 155, 177);  
box-shadow:4px 4px 4px 4px rgb(161, 155,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1941, 0.2989, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 155, 177) }
```

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

```
.background{ background-color: rgb(161,  
155, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor