

Converting Colors

$Y_{xy}(42.1138, 0.2973, 0.3035)$

Have a look what the booklet for
Yxy(42.1138, 0.2973, 0.3035)
contains.

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Color

Yxy(42.0373, 0.2974, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	ACACBF
RGB	172, 172, 191
RGB Percent	67%, 67%, 75%
CMY	0.3253, 0.3255, 0.2509
CMYK	0.10, 0.10, 0.00, 0.25
HSL	240°, 13%, 71%
HSV	240°, 10%, 75%
XYZ	41.1788, 42.0373, 55.2466
YIQ	174.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

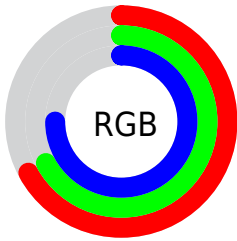
Format	Color
R _Y B	172, 172, 191
Decimal	11316415
CIE Lab	70.90, 3.79, -9.70
CIE LCh	71, 10.410, 291.323
Yxy	42.0373, 0.2974, 0.3036
Android (android.graphics.Color)	4289506495 (0xFFACACBF)
YUV	174.1660, 8.2992, -1.8996
Hunter-Lab	64.8362, -0.0942, -5.1354

Details

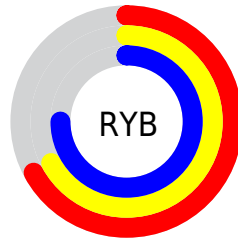
The Yxy color $42.0373, 0.2974, 0.3036$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $51.3219, 0.3273, 0.3532$, and the grayscale version is $42.3805, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.9845, 0.3002, 0.3083$, and $19.2610, 0.2928, 0.2960$ is the 20% darker color. If you saturate the color by 10%, you get $33.2801, 0.2800, 0.2747$, and if you desaturate by 10%, it is $52.1520, 0.3128, 0.3291$.

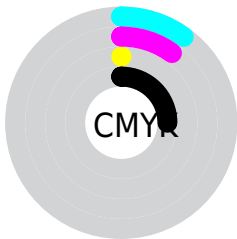
Distribution



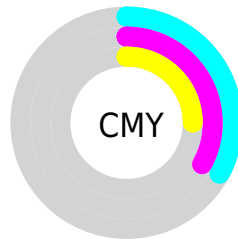
- Red (67%)
- Green (67%)
- Blue (75%)



- Red (67%)
- Yellow (67%)
- Blue (75%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0373, 0.2974, 0.3036 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 42.0373, 0.2974, 0.3036 by changing the saturation by 10% instead.

■ 42.0373, 0.2974,
0.3036

■ 42.0373, 0.2974,
0.3036

354.6375, 0.3052,
0.3164

■ 29.1305, 0.2954,
0.3004

■ 78.2561, 0.3003,
0.3083

■ 19.1796, 0.2928,
0.2962

102.3368, 0.3013,
0.3100

■ 11.8001, 0.2893,
0.2907

130.9110, 0.3022,
0.3115

■ 6.6077, 0.2843,
0.2829

164.3631, 0.3030,
0.3127

■ 3.2180, 0.2767,
0.2713

203.0774, 0.3037,
0.3138

■ 1.2466, 0.2636,
0.2518

247.4383, 0.3043,

■ 0.0993, 0.1742,

0.3148

0.0926

297.8302, 0.3048,
0.3156

0.0000, 0.0000,
0.0000

42.0373, 0.2974,
0.3036

42.0373, 0.2974,
0.3036

33.2801, 0.2800,
0.2747

52.1520, 0.3128,
0.3291

25.8177, 0.2607,
0.2427

63.6728, 0.3261,
0.3513

19.5903, 0.2399,
0.2083

76.6527, 0.3377,
0.3704

14.5312, 0.2185,
0.1729

91.1402, 0.3476,
0.3868

10.5677, 0.1978,
0.1387

96.5426, 0.3508,
0.3919

■ 7.6188, 0.1794,
0.1083

■ 5.5924, 0.1648,
0.0843

■ 4.3795, 0.1552,
0.0685

■ 3.7682, 0.1501,
0.0601

Harmonies

Analogous

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



42.0373, 0.2872, 0.3060



42.0373, 0.2974, 0.3036



42.0373, 0.3118, 0.3076

Triad

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



42.0373, 0.2974, 0.3036



42.0373, 0.3425, 0.3422



42.0373, 0.2985, 0.3414

Complementary

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



42.0373, 0.2974, 0.3036



51.3219, 0.3273, 0.3532

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.



42.0373, 0.3130, 0.3517



42.0373, 0.2974, 0.3036



42.0373, 0.3387, 0.3519

Square

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



42.0373, 0.2974, 0.3036



42.0373, 0.3382, 0.3295



42.0373, 0.3278, 0.3555



42.0373, 0.2879, 0.3277

Rectangle

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



42.0373, 0.2974, 0.3036



42.0373, 0.3220, 0.3134



42.0373, 0.3278, 0.3555



42.0373, 0.3030, 0.3454

Sweetspot

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



42.0391, 0.2974, 0.3036



87.5325, 0.3082, 0.3216



49.8037, 0.2976, 0.3290



18.8915, 0.3070, 0.3196



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.0391, 0.2974, 0.3036



71.5758, 0.2937, 0.2975



43.1483, 0.3055, 0.3042



9.2267, 0.2984, 0.3053



2.4751, 0.1501, 0.0601



0.0974, 0.1506, 0.0603

Inverse Universe

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



44.3402, 0.3139, 0.3049



76.5402, 0.3142, 0.2995



50.1349, 0.3194, 0.3538



9.6958, 0.3138, 0.3065



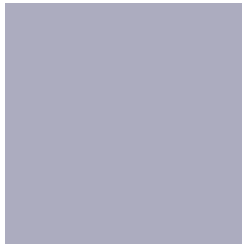
9.7351, 0.3217, 0.1546



0.3815, 0.3215, 0.1545

Previews

White Background



This preview shows how the Yxy color 42.0373, 0.2974, 0.3036 looks on a white background.

Color Contrast Check

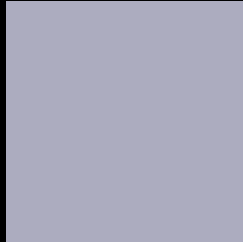
Large Text (above 18pt) WCAG AA × Fail

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 42.0373, 0.2974, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

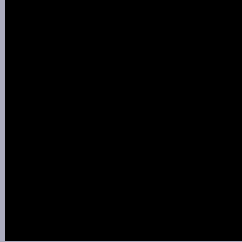
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

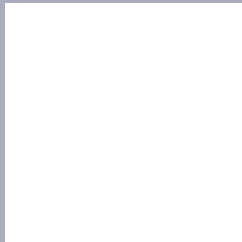
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0373, 0.2974, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 42.0373, 0.2974, 0.3036.



This preview shows how white text looks on a background with the Yxy color 42.0373, 0.2974, 0.3036.

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

42.0373, 0.2974, 0.3036

Protanopia

41.9246, 0.2965, 0.3036

Deuteranopia

42.1268, 0.3052, 0.2991



Tritanopia

42.0902, 0.3005, 0.3115

Trichromacy



Original Color

42.0373, 0.2974, 0.3036

Protanomaly

41.9246, 0.2965, 0.3036

Deuteranomaly

42.0202, 0.3017, 0.3001

Tritanomaly

42.1759, 0.2989, 0.3089

Monochromacy



Original Color

42.0373, 0.2974, 0.3036

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0667, 0.3070, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0373, 0.2974, 0.3036 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(172, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 191)  
}
```

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(172, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.0373, 0.2974, 0.3036 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(172, 172, 191) }
```

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

```
.border{ border-color:rgb(172, 172, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 172, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 172, 191); box-shadow:4px 4px 4px 4px rgb(172, 172, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0373, 0.2974, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 191) }
```

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

```
.background{ background-color: rgb(172,  
172, 191) }
```

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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