

Converting Colors

Yxy(41.9547, 0.2925, 0.3049)

Have a look what the booklet for
Yxy(41.9547, 0.2925, 0.3049)
contains.

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Color

Yxy(41.7557, 0.2924, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	A6ADB F
RGB	166, 173, 191
RGB Percent	65%, 68%, 75%
CMY	0.3488, 0.3216, 0.2509
CMYK	0.13, 0.09, 0.00, 0.25
HSL	223°, 16%, 70%
HSV	223°, 13%, 75%
XYZ	40.0833, 41.7557, 55.2447
YIQ	172.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

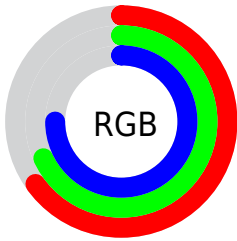
Format	Color
R _Y B	166, 171, 191
Decimal	10923455
CIE Lab	70.70, 1.24, -10.03
CIE LCh	71, 10.107, 277.036
Yxy	41.7557, 0.2924, 0.3046
Android (android.graphics.Color)	4289113535 (0xFFA6ADBF)
YUV	172.9590, 8.8942, -6.1030
Hunter-Lab	64.6187, -2.3582, -5.4560

Details

The Yxy color $41.7557, 0.2924, 0.3046$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.1499, 0.3331, 0.3523$, and the grayscale version is $41.7301, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5744, 0.2962, 0.3091$, and $19.0871, 0.2860, 0.2972$ is the 20% darker color. If you saturate the color by 10%, you get $34.8224, 0.2755, 0.2833$, and if you desaturate by 10%, it is $49.5457, 0.3081, 0.3236$.

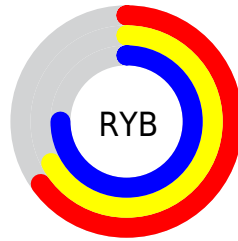
Distribution



Red (65%)

Green (68%)

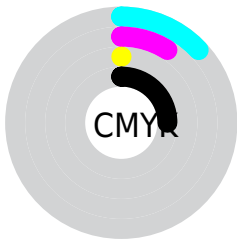
Blue (75%)



Red (65%)

Yellow (67%)

Blue (75%)

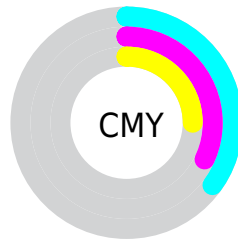


Cyan (13%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7557, 0.2924, 0.3046 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 41.7557, 0.2924, 0.3046 by changing the saturation by 10% instead.

■ 41.7557, 0.2924,
0.3046

■ 41.7557, 0.2924,
0.3046

■ 353.4692, 0.3027,
0.3170

■ 28.9100, 0.2898,
0.3015

■ 77.8298, 0.2962,
0.3091

■ 19.0128, 0.2864,
0.2974

■ 101.8269, 0.2976,
0.3108

■ 11.6795, 0.2818,
0.2920

■ 130.3101, 0.2988,
0.3122

■ 6.5258, 0.2753,
0.2844

■ 163.6636, 0.2998,
0.3134

■ 3.1674, 0.2654,
0.2728

■ 202.2719, 0.3007,
0.3145

■ 1.2197, 0.2486,
0.2533

■ 246.5193, 0.3014,

■ 0.0777, 0.1076,

0.3154

0.0803

296.7903, 0.3021,
0.3162

0.0000, 0.0000,
0.0000

41.7557, 0.2924,
0.3046

41.7557, 0.2924,
0.3046

34.8224, 0.2755,
0.2833

49.5457, 0.3081,
0.3236

28.7104, 0.2576,
0.2598

58.2155, 0.3226,
0.3404

23.3899, 0.2392,
0.2343

67.7940, 0.3357,
0.3551

18.8269, 0.2209,
0.2075

78.3070, 0.3476,
0.3680

14.9847, 0.2034,
0.1801

88.5130, 0.3537,
0.3800

■ 11.8235, 0.1876,
0.1533

■ 96.5422, 0.3508,
0.3919

■ 9.2990, 0.1745,
0.1285

■ 7.3607, 0.1647,
0.1070

■ 6.3114, 0.1595,
0.0943

Harmonies

Analogous

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



41.7557, 0.2854, 0.3100



41.7557, 0.2924, 0.3046



41.7557, 0.3049, 0.3056

Triad

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



41.7557, 0.2924, 0.3046



41.7557, 0.3407, 0.3362



41.7557, 0.3053, 0.3465

Complementary

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



41.7557, 0.2924, 0.3046



48.1499, 0.3331, 0.3523

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.



41.7557, 0.3201, 0.3538



41.7557, 0.2924, 0.3046



41.7557, 0.3407, 0.3474

Square

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



41.7557, 0.2924, 0.3046



41.7557, 0.3329, 0.3235



41.7557, 0.3331, 0.3540



41.7557, 0.2928, 0.3342

Rectangle

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



41.7557, 0.2924, 0.3046



41.7557, 0.3147, 0.3096



41.7557, 0.3331, 0.3540



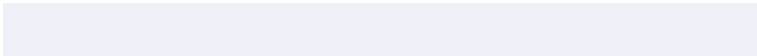
41.7557, 0.3102, 0.3496

Sweetspot

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



41.7574, 0.2924, 0.3046



87.2599, 0.3066, 0.3218



48.8393, 0.2980, 0.3384



18.9186, 0.3055, 0.3204



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.



41.7574, 0.2924, 0.3046



70.6530, 0.2871, 0.2981



39.7659, 0.2968, 0.2955



9.6450, 0.2984, 0.3119



4.2656, 0.1602, 0.0965



0.2813, 0.1740, 0.1464

Inverse Universe

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



41.3883, 0.3300, 0.3200



69.9414, 0.3349, 0.3177



50.4130, 0.3274, 0.3613



9.5787, 0.3246, 0.3227



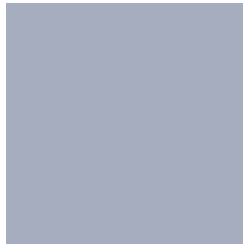
7.4603, 0.5811, 0.2975



0.3038, 0.5106, 0.2586

Previews

White Background



This preview shows how the Yxy color 41.7557, 0.2924, 0.3046 looks on a white background.

Color Contrast Check

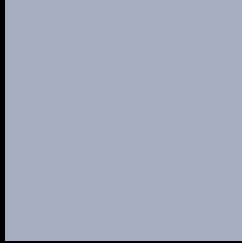
Large Text (above 18pt) WCAG AA × Fail

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 41.7557, 0.2924, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

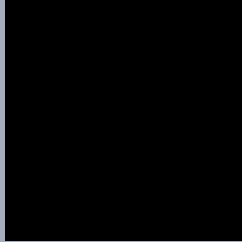
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

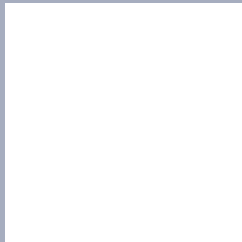
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7557, 0.2924, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 41.7557, 0.2924, 0.3046.



This preview shows how white text looks on a background with the Yxy color 41.7557, 0.2924, 0.3046.

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

41.7557, 0.2924, 0.3046

Protanopia

41.8807, 0.2973, 0.3049

Deuteranopia

41.6348, 0.3044, 0.2977



Tritanopia

41.8593, 0.2946, 0.3113

Trichromacy



Original Color

41.7557, 0.2924, 0.3046

Protanomaly

41.6578, 0.2956, 0.3048

Deuteranomaly

41.7853, 0.3000, 0.2999

Tritanomaly

41.9023, 0.2939, 0.3099

Monochromacy



Original Color

41.7557, 0.2924, 0.3046

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7285, 0.3044, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7557, 0.2924, 0.3046 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(166, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 173, 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(166, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 173, 191) }
```

Border

The CSS property to change the border of an element to Yxy 41.7557, 0.2924, 0.3046 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(166, 173, 191) }
```

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

```
.border{ border-color:rgb(166, 173, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 173,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7557, 0.2924, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 173, 191) }
```

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

```
.background{ background-color: rgb(166,  
173, 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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