

Converting Colors

$Yxy(41.9894, 0.2963, 0.3025)$

Have a look what the booklet for
Yxy(41.9894, 0.2963, 0.3025)
contains.

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Color

Yxy(41.9687, 0.2958, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	ABACC0
RGB	171, 172, 192
RGB Percent	67%, 67%, 75%
CMY	0.3293, 0.3255, 0.2471
CMYK	0.11, 0.10, 0.00, 0.25
HSL	237°, 14%, 71%
HSV	237°, 11%, 75%
XYZ	41.0663, 41.9687, 55.7963
YIQ	173.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

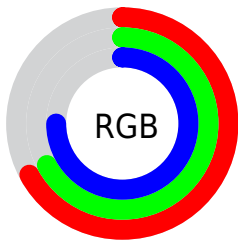
Format	Color
R_{YB}	171, 172, 192
Decimal	11250880
CIE _{Lab}	70.85, 3.64, -10.31
CIE _{LCh}	71, 10.931, 289.473
Yxy	41.9687, 0.2958, 0.3023
Android (android.graphics.Color)	4289440960 (0xFFABACC0)
YUV	173.9810, 8.8834, -2.6143
Hunter-Lab	64.7833, -0.2190, -5.7168

Details

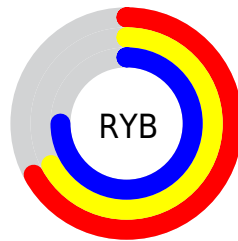
The Yxy color $41.9687, 0.2958, 0.3023$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $51.4214, 0.3289, 0.3544$, and the grayscale version is $42.2766, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8842, 0.2989, 0.3072$, and $19.2190, 0.2906, 0.2941$ is the 20% darker color. If you saturate the color by 10%, you get $33.4679, 0.2783, 0.2745$, and if you desaturate by 10%, it is $51.7479, 0.3114, 0.3269$.

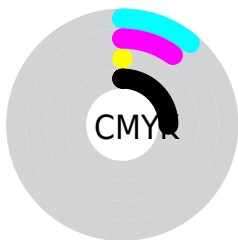
Distribution



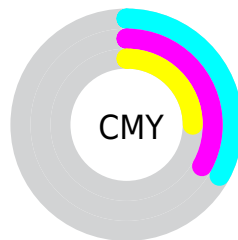
- Red (67%)
- Green (67%)
- Blue (75%)



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



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9687, 0.2958, 0.3023 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 41.9687, 0.2958, 0.3023 by changing the saturation by 10% instead.

■ 41.9687, 0.2958,
0.3023

■ 41.9687, 0.2958,
0.3023

354.3532, 0.3044,
0.3157

■ 29.0768, 0.2936,
0.2989

■ 78.1523, 0.2990,
0.3072

■ 19.1389, 0.2907,
0.2946

102.2127, 0.3002,
0.3090

■ 11.7707, 0.2869,
0.2888

130.7647, 0.3011,
0.3106

■ 6.5877, 0.2814,
0.2806

164.1928, 0.3020,
0.3119

■ 3.2056, 0.2730,
0.2683

202.8813, 0.3027,
0.3131

■ 1.2400, 0.2586,
0.2480

247.2146, 0.3034,

■ 0.0940, 0.1628,

0.3141

0.0858

297.5771, 0.3039,
0.3150

0.0000, 0.0000,
0.0000

41.9687, 0.2958,
0.3023

41.9687, 0.2958,
0.3023

33.4679, 0.2783,
0.2745

51.7479, 0.3114,
0.3269

26.1876, 0.2590,
0.2437

62.8496, 0.3251,
0.3484

20.0734, 0.2385,
0.2105

75.3224, 0.3370,
0.3670

15.0647, 0.2175,
0.1763

89.2111, 0.3473,
0.3830

11.0955, 0.1973,
0.1430

96.5851, 0.3502,
0.3910

■ 8.0925, 0.1794,
0.1129

■ 5.9732, 0.1651,
0.0884

■ 4.6412, 0.1556,
0.0714

■ 3.9950, 0.1508,
0.0627

Harmonies

Analogous

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



41.9687, 0.2855, 0.3053



41.9687, 0.2958, 0.3023



41.9687, 0.3108, 0.3061

Triad

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



41.9687, 0.2958, 0.3023



41.9687, 0.3440, 0.3421



41.9687, 0.2986, 0.3428

Complementary

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



41.9687, 0.2958, 0.3023



51.4214, 0.3289, 0.3544

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.



41.9687, 0.3140, 0.3534



41.9687, 0.2958, 0.3023



41.9687, 0.3405, 0.3525

Square

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



41.9687, 0.2958, 0.3023



41.9687, 0.3389, 0.3287



41.9687, 0.3294, 0.3569



41.9687, 0.2871, 0.3285

Rectangle

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



41.9687, 0.2958, 0.3023



41.9687, 0.3215, 0.3120



41.9687, 0.3294, 0.3569



41.9687, 0.3035, 0.3470

Sweetspot

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



41.9705, 0.2958, 0.3023



89.7929, 0.3082, 0.3219



50.1141, 0.2969, 0.3303



18.9453, 0.3070, 0.3200



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.



41.9705, 0.2958, 0.3023



72.3184, 0.2919, 0.2962



42.7053, 0.3039, 0.3017



9.8199, 0.2983, 0.3063



2.7198, 0.1509, 0.0633



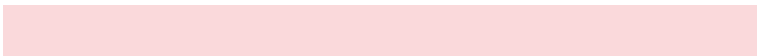
0.1434, 0.1543, 0.0756

Inverse Universe

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



43.3238, 0.3310, 0.3278



75.2533, 0.3355, 0.3276



50.6480, 0.3209, 0.3562



10.0852, 0.3282, 0.3280



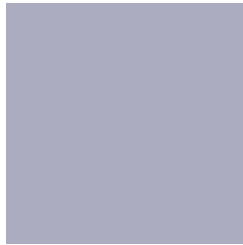
7.5568, 0.6344, 0.3268



0.3291, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 41.9687, 0.2958, 0.3023 looks on a white background.

Color Contrast Check

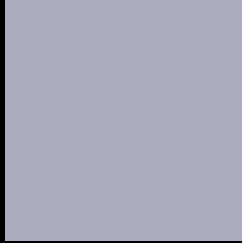
Large Text (above 18pt) WCAG AA × Fail

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 41.9687, 0.2958, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

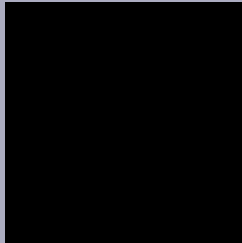
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9687, 0.2958, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 41.9687, 0.2958, 0.3023.



This preview shows how white text looks on a background with the Yxy color 41.9687, 0.2958, 0.3023.

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

41.9687, 0.2958, 0.3023

Protanopia

41.9687, 0.2958, 0.3023

Deuteranopia

42.0499, 0.3035, 0.2977



Tritanopia

42.0210, 0.2988, 0.3101

Trichromacy



Original Color

41.9687, 0.2958, 0.3023

Protanomaly

41.9687, 0.2958, 0.3023

Deuteranomaly

41.9468, 0.3001, 0.2988

Tritanomaly

42.1073, 0.2973, 0.3075

Monochromacy



Original Color

41.9687, 0.2958, 0.3023

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1076, 0.3062, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9687, 0.2958, 0.3023 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(171, 172, 192)` looks like.

```
.text, #text, p{  
    color:rgb(171, 172, 192)  
}
```

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(171, 172, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 172, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.9687, 0.2958, 0.3023 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(171, 172, 192) }
```

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

```
.border{ border-color:rgb(171, 172, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 172, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 172, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 172, 192);  
box-shadow:4px 4px 4px 4px rgb(171, 172,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9687, 0.2958, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 172, 192) }
```

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

```
.background{ background-color: rgb(171,  
172, 192) }
```

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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