

Converting Colors

$Y_{xy}(42.5529, 0.3330, 0.3037)$

Have a look what the booklet for
Yxy(42.5529, 0.3330, 0.3037)
contains.

Yxy(42.4924, 0.3327, 0.3030)	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(42.4924, 0.3327, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3B8
RGB	204, 163, 184
RGB Percent	80%, 64%, 72%
CMY	0.1999, 0.3608, 0.2784
CMYK	0.00, 0.20, 0.10, 0.20
HSL	329°, 29%, 72%
HSV	329°, 20%, 80%
XYZ	46.6575, 42.4924, 51.0890
YIQ	177.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

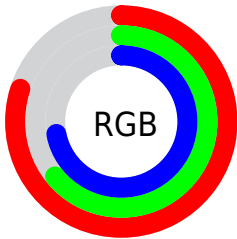
Format	Color
RYB	204, 163, 184
Decimal	13411256
CIELab	71.21, 18.52, -5.05
CIELCh	71, 19.200, 344.745
Yxy	42.4924, 0.3327, 0.3030
Android (android.graphics.Color)	4291601336 (0xFFCCA3B8)
YUV	177.6530, 3.1291, 23.1063
Hunter-Lab	65.1862, 13.6868, -0.8376

Details

The Yxy color $42.4924, 0.3327, 0.3030$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.4080, 0.2966, 0.3566$, and the grayscale version is $44.3064, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.6941, 0.3245, 0.3073$, and $19.3971, 0.3379, 0.2956$ is the 20% darker color. If you saturate the color by 10%, you get $35.4212, 0.3457, 0.2894$, and if you desaturate by 10%, it is $50.7656, 0.3218, 0.3163$.

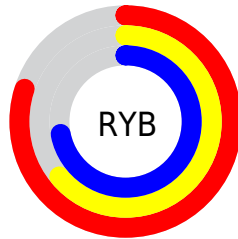
Distribution



Red (80%)

Green (64%)

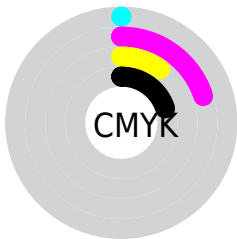
Blue (72%)



Red (80%)

Yellow (64%)

Blue (72%)

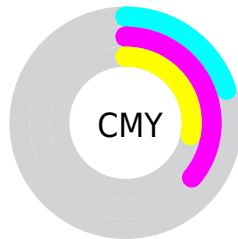


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4924, 0.3327, 0.3030 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 42.4924, 0.3327, 0.3030 by changing the saturation by 10% instead.


 42.4924, 0.3327,
0.3030


 42.4924, 0.3327,
0.3030


356.5201, 0.3227,
0.3160

 29.4870, 0.3352,
0.2998


 78.9443, 0.3291,
0.3077

 19.4496, 0.3384,
0.2957


 103.1597, 0.3277,
0.3095

 11.9956, 0.3428,
0.2902


131.8805, 0.3265,
0.3110

 6.7407, 0.3488,
0.2826

165.4911, 0.3255,
0.3122

 3.3004, 0.3579,
0.2713

204.3760, 0.3247,
0.3134

 1.2905, 0.3731,
0.2528

248.9195, 0.3239,

 0.1339, 0.4780,

0.3143

0.1104

299.5061, 0.3233,
0.3152

0.0000, 0.0000,
0.0000

42.4924, 0.3327,
0.3030

42.4924, 0.3327,
0.3030

35.4212, 0.3457,
0.2894

50.7656, 0.3218,
0.3163

29.4899, 0.3611,
0.2758

60.2880, 0.3128,
0.3289

24.6391, 0.3790,
0.2631

71.1111, 0.3053,
0.3406

20.8019, 0.3993,
0.2523

83.2817, 0.2992,
0.3515

17.9038, 0.4218,
0.2444

90.2913, 0.2938,
0.3514

■ 15.8599, 0.4455,
0.2408

■ 90.8794, 0.2886,
0.3407

■ 14.5698, 0.4694,
0.2424

■ 91.5002, 0.2834,
0.3302

■ 13.8506, 0.4923,
0.2486

■ 91.5823, 0.2827,
0.3289

Harmonies

Analogous

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



42.4924, 0.3046, 0.2882



42.4924, 0.3327, 0.3030



42.4924, 0.3561, 0.3242

Triad

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



42.4924, 0.3327, 0.3030



42.4924, 0.3452, 0.3778



42.4924, 0.2609, 0.3067

Complementary

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



42.4924, 0.3327, 0.3030



54.4080, 0.2966, 0.3566

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.



42.4924, 0.2708, 0.3317



42.4924, 0.3327, 0.3030



42.4924, 0.3189, 0.3745

Square

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



42.4924, 0.3327, 0.3030



42.4924, 0.3633, 0.3672



42.4924, 0.2918, 0.3572



42.4924, 0.2641, 0.2894

Rectangle

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



42.4924, 0.3327, 0.3030



42.4924, 0.3653, 0.3398



42.4924, 0.2918, 0.3572



42.4924, 0.2628, 0.3145

Sweetspot

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



42.4943, 0.3327, 0.3030



90.1519, 0.3180, 0.3214



40.5990, 0.2963, 0.2766



19.0769, 0.3186, 0.3206



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



42.4943, 0.3327, 0.3030



65.1976, 0.3379, 0.2973



41.7023, 0.3517, 0.3283



11.3079, 0.3211, 0.3172



8.7333, 0.4892, 0.2469



0.4659, 0.4476, 0.2240

Inverse Universe

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



42.4943, 0.3327, 0.3030



65.1976, 0.3379, 0.2973



55.3165, 0.2833, 0.3298



11.3079, 0.3211, 0.3172



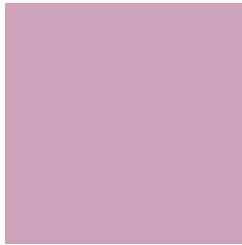
8.7333, 0.4892, 0.2469



0.4659, 0.4476, 0.2240

Previews

White Background



This preview shows how the Yxy color 42.4924, 0.3327, 0.3030 looks on a white background.

Color Contrast Check

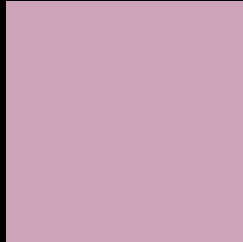
Large Text (above 18pt) WCAG AA × Fail

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 42.4924, 0.3327, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

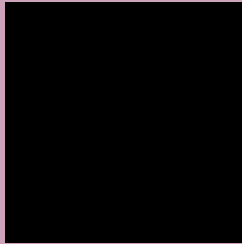
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4924, 0.3327, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 42.4924, 0.3327, 0.3030.



This preview shows how white text looks on a background with the Yxy color 42.4924, 0.3327, 0.3030.

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

42.4924, 0.3327, 0.3030

Protanopia

42.4891, 0.2990, 0.3064

Deuteranopia

42.4862, 0.3181, 0.3109



Tritanopia

42.4218, 0.3380, 0.3128

Trichromacy



Original Color

42.4924, 0.3327, 0.3030

Protanomaly

42.1971, 0.3103, 0.3043

Deuteranomaly

42.5257, 0.3238, 0.3086

Tritanomaly

42.5427, 0.3352, 0.3091

Monochromacy



Original Color

42.4924, 0.3327, 0.3030

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7472, 0.3194, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4924, 0.3327, 0.3030 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(204, 163, 184)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 184)  
}
```

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(204, 163, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.4924, 0.3327, 0.3030 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(204, 163, 184) }
```

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

```
.border{ border-color:rgb(204, 163, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4924, 0.3327, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 184) }
```

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

```
.background{ background-color: rgb(204,  
163, 184) }
```

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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