

Converting Colors

$Y_{xy}(42.1777, 0.3457, 0.3112)$

Have a look what the booklet for
Yxy(42.1777, 0.3457, 0.3112)
contains.

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Color

Yxy(42.1796, 0.3452, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	D1A1B0
RGB	209, 161, 176
RGB Percent	82%, 63%, 69%
CMY	0.1803, 0.3686, 0.3098
CMYK	0.00, 0.23, 0.16, 0.18
HSL	341°, 34%, 73%
HSV	341°, 23%, 82%
XYZ	46.8783, 42.1796, 46.7425
YIQ	177.0620, 23.7930, 14.8410

Conversions

Conversions Part 2

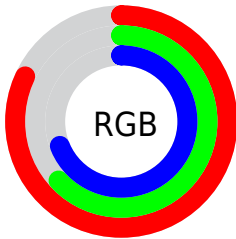
Format	Color
R _Y B	209, 161, 176
Decimal	13738416
CIE Lab	70.99, 20.07, -0.88
CIE LCh	71, 20.089, 357.480
Yxy	42.1796, 0.3452, 0.3106
Android (android.graphics.Color)	4291928496 (0xFFD1A1B0)
YUV	177.0620, -0.5236, 28.0096
Hunter-Lab	64.9458, 15.1872, 2.7902

Details

The Yxy color $42.1796, 0.3452, 0.3106$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $57.0808, 0.2882, 0.3483$, and the grayscale version is $43.9954, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1979, 0.3302, 0.3131$, and $19.2625, 0.3544, 0.3043$ is the 20% darker color. If you saturate the color by 10%, you get $34.9376, 0.3647, 0.3021$, and if you desaturate by 10%, it is $50.7067, 0.3292, 0.3189$.

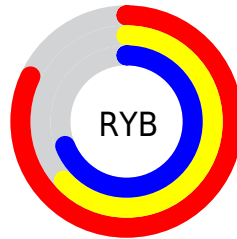
Distribution



Red (82%)

Green (63%)

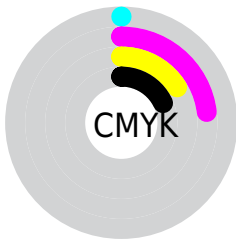
Blue (69%)



Red (82%)

Yellow (63%)

Blue (69%)

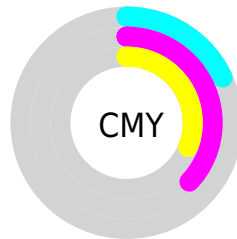


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (18%)



Cyan (18%)


Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1796, 0.3452, 0.3106 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 42.1796, 0.3452, 0.3106 by changing the saturation by 10% instead.


 42.1796, 0.3452,
0.3106


 42.1796, 0.3452,
0.3106


355.2269, 0.3287,
0.3199

 29.2419, 0.3494,
0.3082

 78.4714, 0.3391,
0.3140

 19.2639, 0.3548,
0.3052


 102.5943, 0.3369,
0.3153

 11.8611, 0.3622,
0.3011


131.2144, 0.3350,
0.3164

 6.6492, 0.3726,
0.2953

164.7161, 0.3334,
0.3173

 3.2437, 0.3885,
0.2864

203.4838, 0.3320,
0.3181

 1.2602, 0.4159,
0.2714

247.9019, 0.3307,

 0.1101, 0.6708,

0.3188

0.1242

298.3548, 0.3297,
0.3194

0.0000, 0.0000,
0.0000

42.1796, 0.3452,
0.3106

42.1796, 0.3452,
0.3106

34.9376, 0.3647,
0.3021

50.7067, 0.3292,
0.3189

28.9124, 0.3883,
0.2939

60.5715, 0.3161,
0.3268

24.0382, 0.4162,
0.2865

71.8304, 0.3055,
0.3341

20.2405, 0.4482,
0.2810

84.5350, 0.2968,
0.3408

17.4359, 0.4832,
0.2786

91.8462, 0.2892,
0.3363

■ 15.5286, 0.5192,
0.2804

■ 92.2974, 0.2855,
0.3289

■ 14.4036, 0.5528,
0.2870

■ 13.9423, 0.5739,
0.2935

Harmonies

Analogous

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



42.1796, 0.3167, 0.2918



42.1796, 0.3452, 0.3106



42.1796, 0.3652, 0.3343

Triad

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



42.1796, 0.3452, 0.3106



42.1796, 0.3357, 0.3807



42.1796, 0.2582, 0.2966

Complementary

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



42.1796, 0.3452, 0.3106



57.0808, 0.2882, 0.3483

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.



42.1796, 0.2628, 0.3200



42.1796, 0.3452, 0.3106



42.1796, 0.3067, 0.3707

Square

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



42.1796, 0.3452, 0.3106



42.1796, 0.3592, 0.3753



42.1796, 0.2802, 0.3478



42.1796, 0.2673, 0.2832

Rectangle

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



42.1796, 0.3452, 0.3106



42.1796, 0.3704, 0.3503



42.1796, 0.2802, 0.3478



42.1796, 0.2582, 0.3035

Sweetspot

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



42.1815, 0.3452, 0.3106



88.3697, 0.3212, 0.3236



41.5380, 0.3019, 0.2699



18.7110, 0.3219, 0.3231



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.



42.1815, 0.3452, 0.3106



59.8264, 0.3552, 0.3061



44.8060, 0.3572, 0.3401



11.8682, 0.3242, 0.3218



8.6109, 0.5701, 0.2914



0.4957, 0.5173, 0.2624

Inverse Universe

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



42.1815, 0.3452, 0.3106



59.8264, 0.3552, 0.3061



53.5879, 0.2781, 0.3176



11.8682, 0.3242, 0.3218



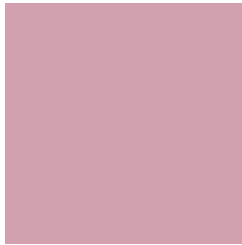
8.6109, 0.5701, 0.2914



0.4957, 0.5173, 0.2624

Previews

White Background



This preview shows how the Yxy color 42.1796, 0.3452, 0.3106 looks on a white background.

Color Contrast Check

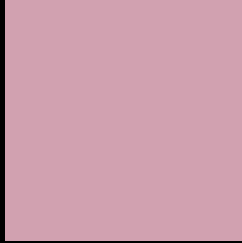
Large Text (above 18pt) WCAG AA × Fail

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 42.1796, 0.3452, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

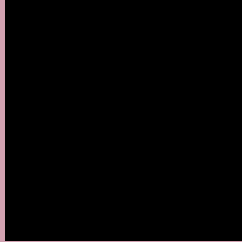
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1796, 0.3452, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 42.1796, 0.3452, 0.3106.



This preview shows how white text looks on a background with the Yxy color 42.1796, 0.3452, 0.3106.

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

42.1796, 0.3452, 0.3106

Protanopia

42.4200, 0.3063, 0.3156

Deuteranopia

42.4182, 0.3269, 0.3212



Tritanopia

42.1010, 0.3471, 0.3130

Trichromacy



Original Color

42.1796, 0.3452, 0.3106

Protanomaly

42.2360, 0.3198, 0.3147

Deuteranomaly

42.2379, 0.3338, 0.3176

Tritanomaly

42.1402, 0.3461, 0.3118

Monochromacy



Original Color

42.1796, 0.3452, 0.3106

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1190, 0.3240, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1796, 0.3452, 0.3106 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(209, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 176)  
}
```

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(209, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 176) }
```

Border

The CSS property to change the border of an element to Yxy 42.1796, 0.3452, 0.3106 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(209, 161, 176) }
```

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

```
.border{ border-color:rgb(209, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 176);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1796, 0.3452, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 176) }
```

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

```
.background{ background-color: rgb(209,  
161, 176) }
```

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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