

Converting Colors

$Yxy(42.6491, 0.3554, 0.3233)$

Have a look what the booklet for
Yxy(42.6491, 0.3554, 0.3233)
contains.

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Color

Yxy(42.4796, 0.3555, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	D3A2A7
RGB	211, 162, 167
RGB Percent	83%, 64%, 65%
CMY	0.1726, 0.3646, 0.3452
CMYK	0.00, 0.23, 0.21, 0.17
HSL	354°, 36%, 73%
HSV	354°, 23%, 83%
XYZ	46.7539, 42.4796, 42.2823
YIQ	177.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

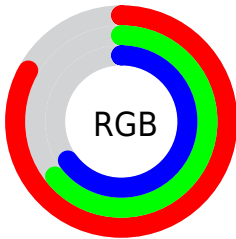
Format	Color
R _Y B	211, 162, 167
Decimal	13869735
CIE Lab	71.20, 18.83, 4.43
CIE LCh	71, 19.347, 13.242
Yxy	42.4796, 0.3555, 0.3230
Android (android.graphics.Color)	4292059815 (0xFFD3A2A7)
YUV	177.2210, -5.0390, 29.6242
Hunter-Lab	65.1764, 13.9872, 7.1598

Details

The Yxy color $42.4796, 0.3555, 0.3230$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.7205, 0.2816, 0.3352$, and the grayscale version is $44.1047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1596, 0.3371, 0.3240$, and $19.4576, 0.3691, 0.3209$ is the 20% darker color. If you saturate the color by 10%, you get $35.0102, 0.3816, 0.3203$, and if you desaturate by 10%, it is $51.3027, 0.3344, 0.3257$.

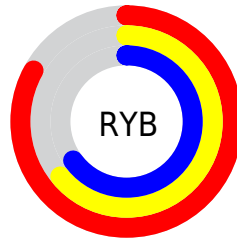
Distribution



Red (83%)

Green (64%)

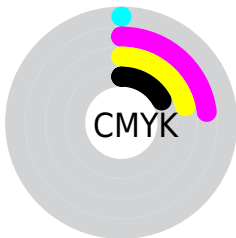
Blue (65%)



Red (83%)

Yellow (64%)

Blue (65%)

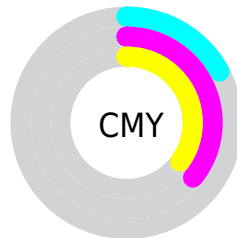


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (17%)



Cyan (17%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4796, 0.3555, 0.3230 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 42.4796, 0.3555, 0.3230 by changing the saturation by 10% instead.

 42.4796, 0.3555,
0.3230


 42.4796, 0.3555,
0.3230


356.4672, 0.3337,
0.3263

 29.4770, 0.3611,
0.3221


 78.9250, 0.3475,
0.3243

 19.4420, 0.3684,
0.3208


 103.1365, 0.3445,
0.3247

 11.9901, 0.3782,
0.3191


131.8532, 0.3419,
0.3251

 6.7369, 0.3923,
0.3164

165.4594, 0.3398,
0.3254

 3.2981, 0.4139,
0.3121

204.3395, 0.3379,
0.3257

 1.2893, 0.4511,
0.3035

248.8779, 0.3363,

 0.1329, 0.8152,

0.3259

0.1848

299.4590, 0.3349,
0.3261

0.0000, 0.0000,
0.0000

42.4796, 0.3555,
0.3230

42.4796, 0.3555,
0.3230

35.0102, 0.3816,
0.3203

51.3027, 0.3344,
0.3257

28.8222, 0.4136,
0.3177

61.5357, 0.3174,
0.3282

23.8450, 0.4516,
0.3157

73.2388, 0.3038,
0.3306

19.9992, 0.4947,
0.3146

86.4669, 0.2928,
0.3327

17.1959, 0.5399,
0.3150

92.5864, 0.2866,
0.3289

■ 15.3326, 0.5819,
0.3173

■ 14.2863, 0.6145,
0.3214

■ 13.9020, 0.6295,
0.3241

Harmonies

Analogous

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



42.4796, 0.3315, 0.3019



42.4796, 0.3555, 0.3230



42.4796, 0.3677, 0.3464

Triad

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



42.4796, 0.3555, 0.3230



42.4796, 0.3204, 0.3754



42.4796, 0.2633, 0.2897

Complementary

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



42.4796, 0.3555, 0.3230



58.7205, 0.2816, 0.3352

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.



42.4796, 0.2607, 0.3077



42.4796, 0.3555, 0.3230



42.4796, 0.2929, 0.3586

Square

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



42.4796, 0.3555, 0.3230



42.4796, 0.3467, 0.3779



42.4796, 0.2713, 0.3330



42.4796, 0.2784, 0.2828

Rectangle

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



42.4796, 0.3555, 0.3230



42.4796, 0.3671, 0.3606



42.4796, 0.2713, 0.3330



42.4796, 0.2610, 0.2946

Sweetspot

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



42.4816, 0.3555, 0.3230



88.1448, 0.3235, 0.3273



43.5659, 0.3103, 0.2708



18.6591, 0.3246, 0.3271



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.



42.4816, 0.3555, 0.3230



59.1293, 0.3681, 0.3216



49.4165, 0.3552, 0.3520



11.8274, 0.3275, 0.3267



8.3984, 0.6273, 0.3229



0.4764, 0.5929, 0.3040

Inverse Universe

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



42.4816, 0.3555, 0.3230



59.1293, 0.3681, 0.3216



50.1778, 0.2767, 0.3048



11.8274, 0.3275, 0.3267



8.3984, 0.6273, 0.3229



0.4764, 0.5929, 0.3040

Previews

White Background



This preview shows how the Yxy color 42.4796, 0.3555, 0.3230 looks on a white background.

Color Contrast Check

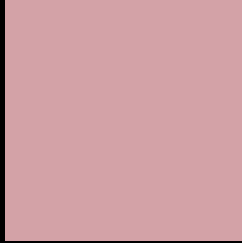
Large Text (above 18pt) WCAG AA × Fail

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 42.4796, 0.3555, 0.3230 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 42.4796, 0.3555, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 42.4796, 0.3555, 0.3230.



This preview shows how white text looks on a background with the Yxy color 42.4796, 0.3555, 0.3230.

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

42.4796, 0.3555, 0.3230

Protanopia

42.7931, 0.3163, 0.3290

Deuteranopia

42.7312, 0.3396, 0.3330



Tritanopia

42.5039, 0.3509, 0.3144

Trichromacy



Original Color

42.4796, 0.3555, 0.3230

Protanomaly

42.6369, 0.3302, 0.3277

Deuteranomaly

42.4431, 0.3459, 0.3291

Tritanomaly

42.4271, 0.3528, 0.3169

Monochromacy



Original Color

42.4796, 0.3555, 0.3230

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.3410, 0.3273, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4796, 0.3555, 0.3230 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(211, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(211, 162, 167)  
}
```

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(211, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 162, 167) }
```

Border

The CSS property to change the border of an element to Yxy 42.4796, 0.3555, 0.3230 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(211, 162, 167) }
```

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

```
.border{ border-color:rgb(211, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(211, 162,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4796, 0.3555, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 162, 167) }
```

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

```
.background{ background-color: rgb(211,  
162, 167) }
```

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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