

Converting Colors

$Y_{xy}(44.7074, 0.3154, 0.2722)$

Have a look what the booklet for
Yxy(44.7074, 0.3154, 0.2722)
contains.

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Color

Yxy(44.7464, 0.3154, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	D3A3D3
RGB	211, 163, 211
RGB Percent	83%, 64%, 83%
CMY	0.1723, 0.3609, 0.1725
CMYK	0.00, 0.23, 0.00, 0.17
HSL	300°, 35%, 73%
HSV	300°, 23%, 83%
XYZ	51.7339, 44.7464, 67.5461
YIQ	182.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

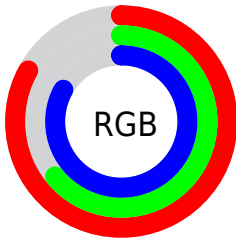
Format	Color
R _Y B	211, 163, 211
Decimal	13870035
CIE Lab	72.72, 25.81, -17.60
CIE LCh	73, 31.236, 325.707
Yxy	44.7464, 0.3154, 0.2728
Android (android.graphics.Color)	4292060115 (0xFFD3A3D3)
YUV	182.8240, 13.8908, 24.7104
Hunter-Lab	66.8927, 20.9871, -13.0441

Details

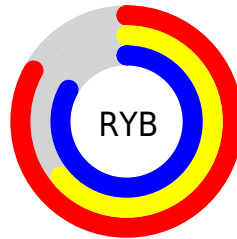
The Yxy color $44.7464, 0.3154, 0.2728$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.0507, 0.3097, 0.3924$, and the grayscale version is $47.1729, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6228, 0.3144, 0.2930$, and $20.8371, 0.3160, 0.2593$ is the 20% darker color. If you saturate the color by 10%, you get $37.8685, 0.3166, 0.2482$, and if you desaturate by 10%, it is $52.8790, 0.3142, 0.2977$.

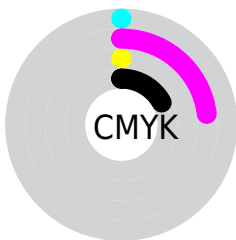
Distribution



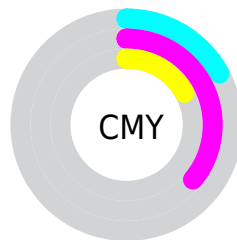
- Red (83%)
- Green (64%)
- Blue (83%)



- Red (83%)
- Yellow (64%)
- Blue (83%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)




- Cyan (17%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7464, 0.3154, 0.2728 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 44.7464, 0.3154, 0.2728 by changing the saturation by 10% instead.


 44.7464, 0.3154,
0.2728


 44.7464, 0.3154,
0.2728

365.7455, 0.3146,
0.2998

 31.2577, 0.3155,
0.2664


 82.3397, 0.3152,
0.2824

 20.7952, 0.3155,
0.2583


 107.2132, 0.3151,
0.2860

 12.9744, 0.3154,
0.2480


136.6503, 0.3150,
0.2892

 7.4109, 0.3150,
0.2341

171.0356, 0.3149,
0.2919

 3.7204, 0.3140,
0.2146

210.7533, 0.3148,
0.2942

 1.5184, 0.3113,
0.1856

256.1880, 0.3147,

 0.3016, 0.3158,

0.2963

0.1037

307.7239, 0.3146,
0.2982

0.0000, 0.0000,
0.0000

44.7464, 0.3154,
0.2728

44.7464, 0.3154,
0.2728

37.8685, 0.3166,
0.2482

52.8790, 0.3142,
0.2977

32.1773, 0.3177,
0.2249

62.3181, 0.3130,
0.3223

27.6075, 0.3187,
0.2039

73.1197, 0.3119,
0.3459

24.0850, 0.3196,
0.1860

85.3351, 0.3108,
0.3682

21.5269, 0.3203,
0.1719

90.0882, 0.3105,
0.3759

■ 19.8376, 0.3208,
0.1621

■ 90.0894, 0.3105,
0.3758

■ 18.9024, 0.3211,
0.1564

■ 90.0906, 0.3105,
0.3758

■ 18.5534, 0.3212,
0.1543

■ 90.0917, 0.3104,
0.3758

■ 90.0929, 0.3104,
0.3758

Harmonies

Analogous

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



44.7464, 0.2732, 0.2589



44.7464, 0.3154, 0.2728



44.7464, 0.3597, 0.2993

Triad

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



44.7464, 0.3154, 0.2728



44.7464, 0.3844, 0.3971



44.7464, 0.2391, 0.3164

Complementary

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



44.7464, 0.3154, 0.2728



57.0507, 0.3097, 0.3924

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.



44.7464, 0.2653, 0.3602



44.7464, 0.3154, 0.2728



44.7464, 0.3489, 0.4091

Square

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



44.7464, 0.3154, 0.2728



44.7464, 0.4009, 0.3686



44.7464, 0.3052, 0.3960



44.7464, 0.2316, 0.2806

Rectangle

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



44.7464, 0.3154, 0.2728



44.7464, 0.3834, 0.3215



44.7464, 0.3052, 0.3960



44.7464, 0.2459, 0.3308

Sweetspot

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



44.7484, 0.3154, 0.2728



89.1340, 0.3135, 0.3119



38.6764, 0.2743, 0.2655



18.8882, 0.3136, 0.3104



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.



44.7484, 0.3154, 0.2728



63.6562, 0.3159, 0.2616



43.6333, 0.3365, 0.3000



12.0088, 0.3138, 0.3061



11.1892, 0.3212, 0.1543



0.6257, 0.3211, 0.1543

Inverse Universe

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



44.7484, 0.3154, 0.2728



63.6562, 0.3159, 0.2616



57.9940, 0.2941, 0.3600



12.0088, 0.3138, 0.3061



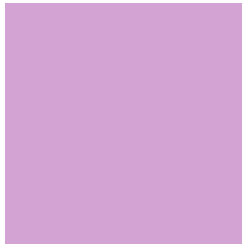
11.1892, 0.3212, 0.1543



0.6257, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 44.7464, 0.3154, 0.2728 looks on a white background.

Color Contrast Check

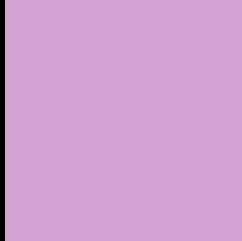
Large Text (above 18pt) WCAG AA × Fail

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 44.7464, 0.3154, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

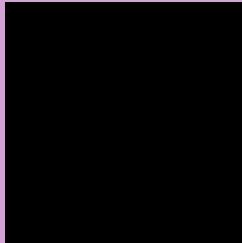
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7464, 0.3154, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 44.7464, 0.3154, 0.2728.



This preview shows how white text looks on a background with the Yxy color 44.7464, 0.3154, 0.2728.

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

44.7464, 0.3154, 0.2728

Protanopia

45.0998, 0.2736, 0.2734

Deuteranopia

44.8206, 0.2920, 0.2849



Tritanopia

44.6069, 0.3374, 0.3131

Trichromacy



Original Color

44.7464, 0.3154, 0.2728

Protanomaly

44.7051, 0.2877, 0.2734

Deuteranomaly

44.7401, 0.3003, 0.2799

Tritanomaly

44.4881, 0.3288, 0.2975

Monochromacy



Original Color

44.7464, 0.3154, 0.2728

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.2384, 0.3137, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7464, 0.3154, 0.2728 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, 163, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 163, 211)  
}
```

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, 163, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 163, 211) }
```

Border

The CSS property to change the border of an element to Yxy 44.7464, 0.3154, 0.2728 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, 163, 211) }
```

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

```
.border{ border-color:rgb(211, 163, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 163, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 163, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 163, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 163,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7464, 0.3154, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 163, 211) }
```

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

```
.background{ background-color: rgb(211,  
163, 211) }
```

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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