

Converting Colors

$Y_{xy}(45.9141, 0.2573, 0.2364)$

Have a look what the booklet for
Yxy(45.9141, 0.2573, 0.2364)
contains.

Yxy(45.9141, 0.2573, 0.2364)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.9141, 0.2573, 0.2364)

Conversions

Conversions Part 1

Format	Color
Hex	AEADFC
RGB	174, 173, 252
RGB Percent	68%, 68%, 99%
CMY	0.3176, 0.3216, 0.0117
CMYK	0.31, 0.31, 0.00, 0.01
HSL	241°, 93%, 83%
HSV	241°, 31%, 99%
XYZ	49.9733, 45.9141, 98.3346
YIQ	182.3050, -24.7630, 24.7810

Conversions

Conversions Part 2

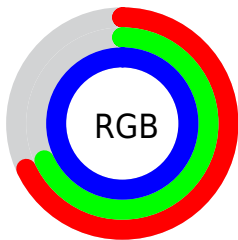
Format	Color
RYB	174, 173, 252
Decimal	11447804
CIELab	73.49, 17.82, -39.03
CIELCh	73, 42.906, 294.546
Yxy	45.9141, 0.2573, 0.2364
Android (android.graphics.Color)	4289637884 (0xFFFAEADFC)
YUV	182.3050, 34.3596, -7.2835
Hunter-Lab	67.7599, 13.0649, -38.6109

Details

The Yxy color **45.9141, 0.2573, 0.2364** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.1553, 0.3595, 0.4077**, and the grayscale version is **46.7754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6957, 0.2980, 0.3016**, and **21.5368, 0.2421, 0.2146** is the 20% darker color. If you saturate the color by 10%, you get **34.5477, 0.2361, 0.2012**, and if you desaturate by 10%, it is **59.6358, 0.2771, 0.2694**.

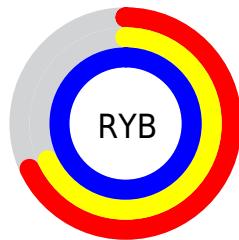
Distribution



Red (68%)

Green (68%)

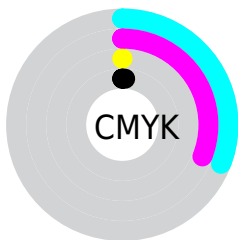
Blue (99%)



Red (68%)

Yellow (68%)

Blue (99%)

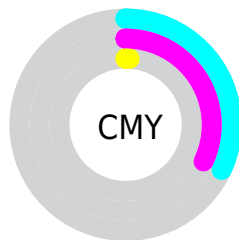


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (32%)

Magenta (32%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9141, 0.2573, 0.2364 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 45.9141, 0.2573, 0.2364 by changing the saturation by 10% instead.

■ 45.9141, 0.2573,
0.2364

■ 45.9141, 0.2573,
0.2364

370.4632, 0.2849,
0.2799

■ 32.1780, 0.2506,
0.2265

■ 84.0904, 0.2672,
0.2515

■ 21.4975, 0.2422,
0.2142

109.2995, 0.2709,
0.2574

■ 13.4882, 0.2313,
0.1989

139.1017, 0.2741,
0.2625

■ 7.7655, 0.2167,
0.1792

173.8814, 0.2769,
0.2669

■ 3.9453, 0.1965,
0.1533

214.0230, 0.2793,
0.2707

■ 1.6430, 0.1673,
0.1187

259.9109, 0.2814,


■ 0.3863, 0.1253,


0.2741

0.0603


311.9295, 0.2832,
0.2772

 0.0000, 0.0000,
0.0000


 45.9141, 0.2573,
0.2364


 45.9141, 0.2573,
0.2364


 34.5477, 0.2361,
0.2012

 59.6358, 0.2771,
0.2694


 25.3994, 0.2145,
0.1653


 75.8293, 0.2950,
0.2993

 18.3258, 0.1939,
0.1313

 94.6095, 0.3107,
0.3257

 13.1648, 0.1760,
0.1018

 99.8092, 0.3144,
0.3318

 9.7302, 0.1623,
0.0794

■ 7.7985, 0.1538,
0.0657

■ 7.0501, 0.1503,
0.0602

Harmonies

Analogous

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



45.9141, 0.2199, 0.2388



45.9141, 0.2573, 0.2364



45.9141, 0.3131, 0.2539

Triad

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



45.9141, 0.2573, 0.2364



45.9141, 0.4326, 0.3773



45.9141, 0.2500, 0.3741

Complementary

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



45.9141, 0.2573, 0.2364



93.1553, 0.3595, 0.4077

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.



45.9141, 0.3033, 0.4242



45.9141, 0.2573, 0.2364



45.9141, 0.4100, 0.4179

Square

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



45.9141, 0.2573, 0.2364



45.9141, 0.4199, 0.3308



45.9141, 0.3619, 0.4389



45.9141, 0.2156, 0.3123

Rectangle

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



45.9141, 0.2573, 0.2364



45.9141, 0.3545, 0.2748



45.9141, 0.3619, 0.4389



45.9141, 0.2662, 0.3936

Sweetspot

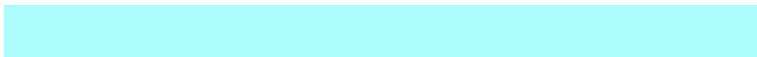
The Sweet Spot groups the original color and five complimentary colors.



45.9159, 0.2573, 0.2364



82.1750, 0.2989, 0.3058



85.5427, 0.2677, 0.3289



17.0162, 0.2965, 0.3018



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.



45.9159, 0.2573, 0.2364



39.1143, 0.2433, 0.2131



50.9879, 0.2854, 0.2433



16.6537, 0.2981, 0.3045



3.6768, 0.1504, 0.0602



0.3442, 0.1513, 0.0607

Inverse Universe

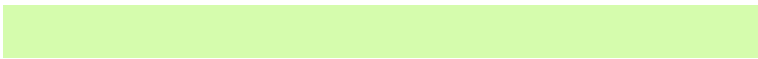
The Inverse Universe completely reimagines the original color for something new.



57.5492, 0.3172, 0.2517



52.8878, 0.3181, 0.2359



86.7190, 0.3333, 0.4150



17.5205, 0.3140, 0.3059



14.3372, 0.3242, 0.1559



1.3291, 0.3237, 0.1557

Previews

White Background



This preview shows how the Yxy color 45.9141, 0.2573, 0.2364 looks on a white background.

Color Contrast Check

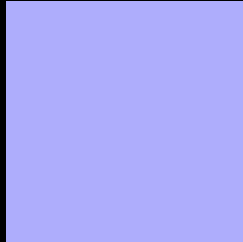
Large Text (above 18pt) WCAG AA × Fail

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 45.9141, 0.2573, 0.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

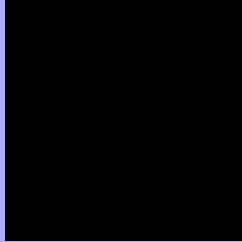
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9141, 0.2573, 0.2364

Background



This preview shows how black text looks on a background with the Yxy color 45.9141, 0.2573, 0.2364.



This preview shows how white text looks on a background with the Yxy color 45.9141, 0.2573, 0.2364.

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

45.9141, 0.2573, 0.2364

Protanopia

46.1287, 0.2448, 0.2368

Deuteranopia

45.9739, 0.2475, 0.2409



Tritanopia

46.1447, 0.2854, 0.3104

Trichromacy



Original Color

45.9141, 0.2573, 0.2364

Protanomaly

45.9930, 0.2493, 0.2363

Deuteranomaly

45.8022, 0.2510, 0.2393

Tritanomaly

45.9200, 0.2744, 0.2806

Monochromacy



Original Color

45.9141, 0.2573, 0.2364

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3289, 0.2912, 0.2935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9141, 0.2573, 0.2364 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(174, 173, 252)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 252)  
}
```

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(174, 173, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 252) }
```

Border

The CSS property to change the border of an element to Yxy 45.9141, 0.2573, 0.2364 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(174, 173, 252) }
```

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

```
.border{ border-color:rgb(174, 173, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 252);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9141, 0.2573, 0.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 252) }
```

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

```
.background{ background-color: rgb(174,  
173, 252) }
```

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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