

Converting Colors

$Yxy(24.6080, 0.4686, 0.2457)$

Have a look what the booklet for
Yxy(24.6080, 0.4686, 0.2457)
contains.

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Color

Yxy(24.5968, 0.4685, 0.2455)

Conversions

Conversions Part 1

Format	Color
Hex	FF2590
RGB	255, 37, 144
RGB Percent	100%, 15%, 56%
CMY	0.0000, 0.8550, 0.4353
CMYK	0.00, 0.85, 0.44, 0.00
HSL	331°, 100%, 57%
HSV	331°, 85%, 100%
XYZ	46.9393, 24.5968, 28.6545
YIQ	114.3800, 95.5810, 79.4930

Conversions

Conversions Part 2

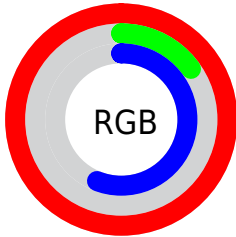
Format	Color
RYB	255, 37, 144
Decimal	16721296
CIELab	56.68, 81.94, -2.86
CIELCh	57, 81.989, 358.004
Yxy	24.5968, 0.4685, 0.2455
Android (android.graphics.Color)	4294911376 (0xFFFF2590)
YUV	114.3800, 14.6027, 123.3237
Hunter-Lab	49.5952, 82.1497, 0.4607

Details

The Yxy color **24.5968, 0.4685, 0.2455** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **74.0508, 0.2683, 0.4746**, and the grayscale version is **16.8766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7061, 0.3775, 0.2426**, and **12.0146, 0.5009, 0.2533** is the 20% darker color. If you saturate the color by 10%, you get **23.1493, 0.4933, 0.2512**, and if you desaturate by 10%, it is **27.1912, 0.4428, 0.2454**.

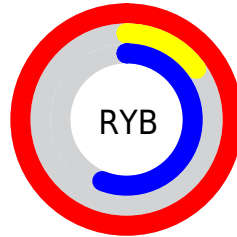
Distribution



Red (100%)

Green (15%)

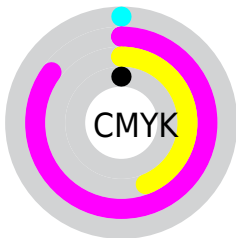
Blue (56%)



Red (100%)

Yellow (15%)

Blue (56%)

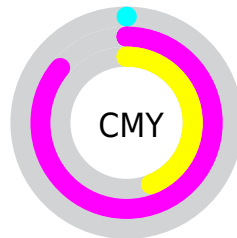


Cyan (0%)

Magenta (85%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5968, 0.4685, 0.2455 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 24.5968, 0.4685, 0.2455 by changing the saturation by 10% instead.


 24.5968, 0.4685,
0.2455

 24.5968, 0.4685,
0.2455


275.8240, 0.3842,
0.2901

 15.7769, 0.4914,
0.2336


 51.0024, 0.4364,
0.2623


 9.3664, 0.5219,
0.2179


 69.3568, 0.4248,
0.2685

 4.9810, 0.5638,
0.1964

 91.6583, 0.4151,
0.2736

 2.2361, 0.6243,
0.1660

 118.2911, 0.4070,
0.2779

 0.7396, 0.7166,
0.1201

 149.6397, 0.4000,
0.2817

 0.0000, 1.0000,
0.0000

186.0884, 0.3940,

 0.0000, 0.0000,

0.2849

0.0000

228.0217, 0.3888,
0.2877

■ 24.5968, 0.4685,
0.2455

■ 24.5968, 0.4685,
0.2455

■ 23.1493, 0.4933,
0.2512

■ 27.1912, 0.4428,
0.2454


■ 22.7447, 0.5041,
0.2551

■ 31.1369, 0.4179,
0.2503


■ 36.5942, 0.3947,
0.2591

■ 43.7018, 0.3740,
0.2705

■ 52.5823, 0.3561,
0.2833

 63.3468, 0.3409,
0.2966

 76.0971, 0.3282,
0.3097

 90.9279, 0.3177,
0.3224

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.5968, 0.3215, 0.1854



24.5968, 0.4685, 0.2455



24.5968, 0.5656, 0.3189

Triad

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



24.5968, 0.4685, 0.2455



24.5968, 0.3722, 0.5803



24.5968, 0.1065, 0.1754

Complementary

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



24.5968, 0.4685, 0.2455



74.0508, 0.2683, 0.4746

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.



24.5968, 0.1118, 0.2588



24.5968, 0.4685, 0.2455



24.5968, 0.2556, 0.5710

Square

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



24.5968, 0.4685, 0.2455



24.5968, 0.4831, 0.4946



24.5968, 0.1595, 0.4169



24.5968, 0.1350, 0.1460

Rectangle

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



24.5968, 0.4685, 0.2455



24.5968, 0.5734, 0.3718



24.5968, 0.1595, 0.4169



24.5968, 0.1044, 0.1958

Sweetspot

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



24.5952, 0.4685, 0.2455



62.7596, 0.3416, 0.2959



14.6520, 0.2167, 0.1039



12.5953, 0.3466, 0.2913



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.



24.5952, 0.4685, 0.2455



22.7447, 0.5041, 0.2551



22.7154, 0.6134, 0.3299



18.1357, 0.3217, 0.3174



11.9146, 0.5003, 0.2530



1.1821, 0.4744, 0.2387

Inverse Universe

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



24.5952, 0.4685, 0.2455



22.7447, 0.5041, 0.2551



79.1330, 0.2267, 0.3287



18.1357, 0.3217, 0.3174



11.9146, 0.5003, 0.2530



1.1821, 0.4744, 0.2387

Previews

White Background



This preview shows how the Yxy color 24.5968, 0.4685, 0.2455 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5968, 0.4685, 0.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

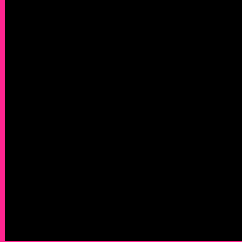
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5968, 0.4685, 0.2455

Background



This preview shows how black text looks on a background with the Yxy color 24.5968, 0.4685, 0.2455.



This preview shows how white text looks on a background with the Yxy color 24.5968, 0.4685, 0.2455.

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

24.5968, 0.4685, 0.2455

Protanopia

24.8446, 0.2374, 0.2268

Deuteranopia

24.7078, 0.3314, 0.3258



Tritanopia

24.6951, 0.5676, 0.3284

Trichromacy



Original Color

24.5968, 0.4685, 0.2455



Protanomaly

20.2183, 0.3001, 0.2150



Deuteranomaly

21.0757, 0.3833, 0.2729



Tritanomaly

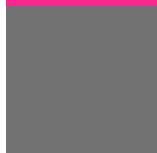
24.2540, 0.5377, 0.2993

Monochromacy



Original Color

24.5968, 0.4685, 0.2455



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

16.1356, 0.3757, 0.2689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5968, 0.4685, 0.2455 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(255, 37, 144)` looks like.

```
.text, #text, p{  
  color:rgb(255, 37, 144)  
}
```

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(255, 37, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 37, 144) }
```

Border

The CSS property to change the border of an element to Yxy 24.5968, 0.4685, 0.2455 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(255, 37, 144) }
```

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

```
.border{ border-color:rgb(255, 37, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 37, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 37, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 37, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 37,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5968, 0.4685, 0.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 37, 144) }
```

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

```
.background{ background-color: rgb(255, 37,  
144) }
```

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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