

Converting Colors

$Yxy(24.6360, 0.4924, 0.2864)$

Have a look what the booklet for
Yxy(24.6360, 0.4924, 0.2864)
contains.

Yxy(24.5719, 0.4920, 0.2862)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.5719, 0.4920, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	F34574
RGB	243, 69, 116
RGB Percent	95%, 27%, 45%
CMY	0.0471, 0.7293, 0.5451
CMYK	0.00, 0.72, 0.52, 0.05
HSL	344°, 88%, 61%
HSV	344°, 72%, 95%
XYZ	42.2410, 24.5719, 19.0428
YIQ	126.3840, 88.6170, 51.5050

Conversions

Conversions Part 2

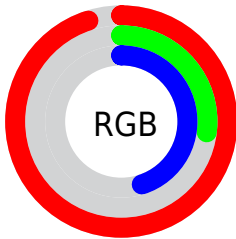
Format	Color
R _Y B	243, 69, 116
Decimal	15943028
CIE Lab	56.66, 68.39, 13.42
CIE LCh	57, 69.698, 11.104
Yxy	24.5719, 0.4920, 0.2862
Android (android.graphics.Color)	4294133108 (0xFFFF34574)
YUV	126.3840, -5.1193, 102.2722
Hunter-Lab	49.5701, 65.3608, 11.9222

Details

The Yxy color **24.5719, 0.4920, 0.2862** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **69.3475, 0.2511, 0.3916**, and the grayscale version is **21.0004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7877, 0.4078, 0.2889**, and **10.2411, 0.5473, 0.2788** is the 20% darker color. If you saturate the color by 10%, you get **21.7959, 0.5304, 0.2882**, and if you desaturate by 10%, it is **28.6525, 0.4544, 0.2881**.

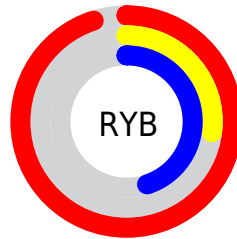
Distribution



Red (95%)

Green (27%)

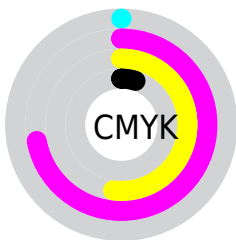
Blue (45%)



Red (95%)

Yellow (27%)

Blue (45%)

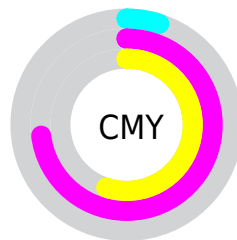


Cyan (0%)

Magenta (72%)

Yellow (52%)

Black (5%)



Cyan (5%)


Magenta (73%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5719, 0.4920, 0.2862 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 24.5719, 0.4920, 0.2862 by changing the saturation by 10% instead.


 24.5719, 0.4920,
0.2862


 24.5719, 0.4920,
0.2862


275.6992, 0.3931,
0.3128


 15.7584, 0.5194,
0.2776


 50.9619, 0.4540,
0.2973


 9.3534, 0.5558,
0.2654


 69.3071, 0.4403,
0.3010

 4.9724, 0.6062,
0.2469

 91.5984, 0.4290,
0.3040

 2.2311, 0.6780,
0.2174

 118.2201, 0.4195,
0.3064

 0.7368, 0.8253,
0.1747

 149.5567, 0.4114,
0.3084

 0.0000, 1.0000,
0.0000

185.9924, 0.4045,

 0.0000, 0.0000,

0.3101

0.0000

227.9118, 0.3984,
0.3116

■ 24.5719, 0.4920,
0.2862

■ 24.5719, 0.4920,
0.2862

■ 21.7959, 0.5304,
0.2882

■ 28.6525, 0.4544,
0.2881

■ 20.1557, 0.5657,
0.2947


■ 34.1708, 0.4201,
0.2928


■ 19.4421, 0.5906,
0.3027


■ 41.2480, 0.3904,
0.2993

■ 49.9910, 0.3654,
0.3065

■ 60.4976, 0.3449,
0.3139

 72.8576, 0.3282,
0.3212

 87.1550, 0.3146,
0.3280

 97.7931, 0.3054,
0.3290

Harmonies

Analogous

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



24.5719, 0.3767, 0.2234



24.5719, 0.4920, 0.2862



24.5719, 0.5422, 0.3583

Triad

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



24.5719, 0.4920, 0.2862



24.5719, 0.3277, 0.5541



24.5719, 0.1348, 0.1776

Complementary

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



24.5719, 0.4920, 0.2862



69.3475, 0.2511, 0.3916

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.



24.5719, 0.1268, 0.2314



24.5719, 0.4920, 0.2862



24.5719, 0.2262, 0.4837

Square

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



24.5719, 0.4920, 0.2862



24.5719, 0.4306, 0.5167



24.5719, 0.1548, 0.3411



24.5719, 0.1767, 0.1639

Rectangle

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



24.5719, 0.4920, 0.2862



24.5719, 0.5296, 0.4101



24.5719, 0.1548, 0.3411



24.5719, 0.1285, 0.1902

Sweetspot

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



24.5733, 0.4920, 0.2862



68.1968, 0.3439, 0.3143



22.1592, 0.2706, 0.1482



13.8522, 0.3491, 0.3123



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.



24.5733, 0.4920, 0.2862



23.3287, 0.5473, 0.2907



29.9392, 0.5254, 0.3636



16.5560, 0.3251, 0.3226



10.6906, 0.5866, 0.3005



0.9561, 0.5514, 0.2811

Inverse Universe

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



24.5733, 0.4920, 0.2862



23.3287, 0.5473, 0.2907



51.5418, 0.2195, 0.2791



16.5560, 0.3251, 0.3226



10.6906, 0.5866, 0.3005



0.9561, 0.5514, 0.2811

Previews

White Background



This preview shows how the Yxy color 24.5719, 0.4920, 0.2862 looks on a white background.

Color Contrast Check

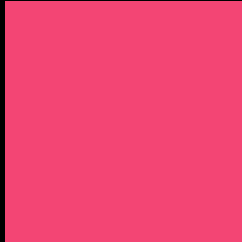
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5719, 0.4920, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

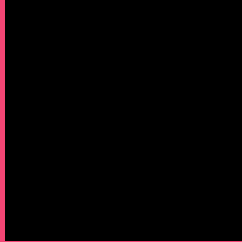
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5719, 0.4920, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 24.5719, 0.4920, 0.2862.

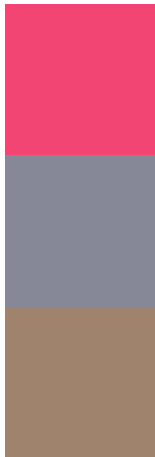


This preview shows how white text looks on a background with the Yxy color 24.5719, 0.4920, 0.2862.

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

24.5719, 0.4920, 0.2862

Protanopia

24.6306, 0.2956, 0.3023

Deuteranopia

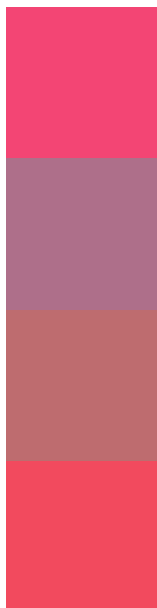
24.6862, 0.3725, 0.3661



Tritanopia

24.6026, 0.5359, 0.3262

Trichromacy



Original Color

24.5719, 0.4920, 0.2862

Protanomaly

22.2025, 0.3610, 0.2891

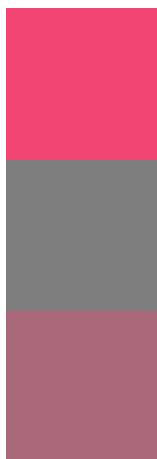
Deuteranomaly

22.8200, 0.4199, 0.3252

Tritanomaly

24.5830, 0.5212, 0.3118

Monochromacy



Original Color

24.5719, 0.4920, 0.2862

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.9433, 0.3787, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5719, 0.4920, 0.2862 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(243, 69, 116)` looks like.

```
.text, #text, p{  
    color:rgb(243, 69, 116)  
}
```

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(243, 69, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 69, 116) }
```

Border

The CSS property to change the border of an element to Yxy 24.5719, 0.4920, 0.2862 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(243, 69, 116) }
```

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

```
.border{ border-color:rgb(243, 69, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 69, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 69, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 69, 116);  
box-shadow:4px 4px 4px 4px rgb(243, 69,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5719, 0.4920, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 69, 116) }
```

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

```
.background{ background-color: rgb(243, 69,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor