

Converting Colors

Yxy(22.1446, 0.5554, 0.2950)

Have a look what the booklet for
Yxy(22.1446, 0.5554, 0.2950)
contains.

Yxy(22.1726, 0.5550, 0.2947)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.1726, 0.5550, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	FA2258
RGB	250, 34, 88
RGB Percent	98%, 13%, 35%
CMY	0.0196, 0.8665, 0.6550
CMYK	0.00, 0.86, 0.65, 0.02
HSL	345°, 96%, 56%
HSV	345°, 86%, 98%
XYZ	41.7570, 22.1726, 11.3083
YIQ	104.7400, 111.4020, 62.5860

Conversions

Conversions Part 2

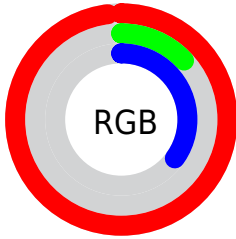
Format	Color
R_{YB}	250, 34, 88
Decimal	16392792
CIE _{Lab}	54.21, 77.47, 27.04
CIE _{LCh}	54, 82.058, 19.241
Yxy	22.1726, 0.5550, 0.2947
Android (android.graphics.Color)	4294582872 (0xFFFA2258)
YUV	104.7400, -8.2528, 127.3930
Hunter-Lab	47.0878, 75.8885, 18.7228

Details

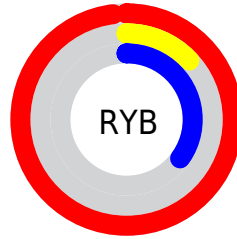
The Yxy color **22.1726, 0.5550, 0.2947** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **72.6983, 0.2470, 0.4007**, and the grayscale version is **14.0573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6104, 0.4539, 0.2987**, and **10.4887, 0.5984, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **20.9523, 0.5874, 0.3031**, and if you desaturate by 10%, it is **24.5111, 0.5169, 0.2904**.

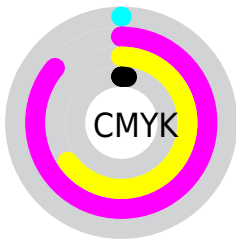
Distribution



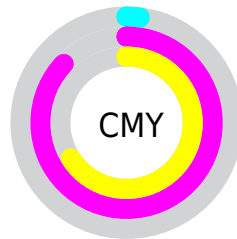
- Red (98%)
- Green (13%)
- Blue (35%)



- Red (98%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (86%)
- Yellow (65%)
- Black (2%)



- Cyan (2%)
- Magenta (87%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1726, 0.5550, 0.2947 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 22.1726, 0.5550, 0.2947 by changing the saturation by 10% instead.


 22.1726, 0.5550,
0.2947


 22.1726, 0.5550,
0.2947


263.4463, 0.4209,
0.3219


 13.9838, 0.5910,
0.2840


 47.0311, 0.5039,
0.3074


 8.1094, 0.6374,
0.2678


 64.4696, 0.4853,
0.3113

 4.1650, 0.6978,
0.2423

 85.7600, 0.4699,
0.3142

 1.7663, 0.7941,
0.2059

 111.2869, 0.4569,
0.3165

 0.4660, 0.8791,
0.1209

 141.4346, 0.4459,
0.3183

 0.0000, 1.0000,
0.0000

176.5874, 0.4364,

 0.0000, 0.0000,

0.3197

0.0000

217.1299, 0.4281,
0.3209

■ 22.1726, 0.5550,
0.2947

■ 22.1726, 0.5550,
0.2947

■ 20.9523, 0.5874,
0.3031

■ 24.5111, 0.5169,
0.2904

■ 20.6765, 0.5974,
0.3064


■ 28.1627, 0.4774,
0.2902


■ 33.2891, 0.4400,
0.2933

■ 40.0273, 0.4069,
0.2985

■ 48.4984, 0.3788,
0.3049

 58.8121, 0.3555,
0.3118

 71.0688, 0.3364,
0.3186

 85.3616, 0.3210,
0.3251

 99.0637, 0.3096,
0.3290

Harmonies

Analogous

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



22.1726, 0.4302, 0.2229



22.1726, 0.5550, 0.2947



22.1726, 0.5793, 0.3738

Triad

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



22.1726, 0.5550, 0.2947



22.1726, 0.2863, 0.6004



22.1726, 0.1188, 0.1460

Complementary

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



22.1726, 0.5550, 0.2947



72.6983, 0.2470, 0.4007

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.



22.1726, 0.0999, 0.1885



22.1726, 0.5550, 0.2947



22.1726, 0.1786, 0.4760

Square

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



22.1726, 0.5550, 0.2947



22.1726, 0.4059, 0.5654



22.1726, 0.1156, 0.2954



22.1726, 0.1747, 0.1422

Rectangle

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



22.1726, 0.5550, 0.2947



22.1726, 0.5430, 0.4338



22.1726, 0.1156, 0.2954



22.1726, 0.1088, 0.1550

Sweetspot

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



22.1740, 0.5550, 0.2947



61.9468, 0.3547, 0.3120



19.7847, 0.2662, 0.1297



12.4049, 0.3622, 0.3096



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.



22.1740, 0.5550, 0.2947



21.6268, 0.5976, 0.3066



27.4228, 0.5748, 0.3649



17.2963, 0.3255, 0.3231



10.9869, 0.5934, 0.3043



1.0338, 0.5603, 0.2860

Inverse Universe

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



22.1740, 0.5550, 0.2947



21.6268, 0.5976, 0.3066



46.7256, 0.2071, 0.2569



17.2963, 0.3255, 0.3231



10.9869, 0.5934, 0.3043



1.0338, 0.5603, 0.2860

Previews

White Background



This preview shows how the Yxy color 22.1726, 0.5550, 0.2947 looks on a white background.

Color Contrast Check

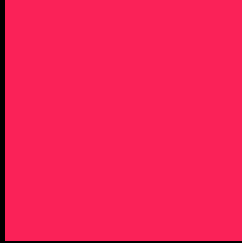
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1726, 0.5550, 0.2947 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 22.1726, 0.5550, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 22.1726, 0.5550, 0.2947.



This preview shows how white text looks on a background with the Yxy color 22.1726, 0.5550, 0.2947.

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

22.1726, 0.5550, 0.2947

Protanopia

22.4582, 0.3206, 0.3361

Deuteranopia

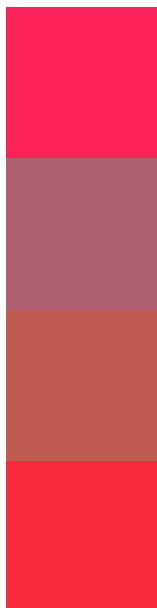
22.2202, 0.4119, 0.4041



Tritanopia

22.2832, 0.6007, 0.3304

Trichromacy



Original Color

22.1726, 0.5550, 0.2947

Protanomaly

18.5844, 0.4078, 0.3041

Deuteranomaly

19.1526, 0.4775, 0.3424

Tritanomaly

22.1326, 0.5869, 0.3189

Monochromacy



Original Color

22.1726, 0.5550, 0.2947

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.7619, 0.4130, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1726, 0.5550, 0.2947 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(250, 34, 88)` looks like.

```
.text, #text, p{  
  color:rgb(250, 34, 88)  
}
```

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(250, 34, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 34, 88) }
```

Border

The CSS property to change the border of an element to Yxy 22.1726, 0.5550, 0.2947 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(250, 34, 88) }
```

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

```
.border{ border-color:rgb(250, 34, 88) }
```

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

Here you see how a box with a 4 pixel rgb(250, 34, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 34, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 34, 88);  
box-shadow:4px 4px 4px 4px rgb(250, 34,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1726, 0.5550, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 34, 88) }
```

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

```
.background{ background-color: rgb(250, 34,  
88) }
```

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