

Converting Colors

$Yxy(22.7243, 0.5567, 0.2911)$

Have a look what the booklet for
Yxy(22.7243, 0.5567, 0.2911)
contains.

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Color

Yxy(22.7541, 0.5559, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A5B
RGB	255, 26, 91
RGB Percent	100%, 10%, 36%
CMY	0.0000, 0.8979, 0.6432
CMYK	0.00, 0.90, 0.64, 0.00
HSL	343°, 100%, 55%
HSV	343°, 90%, 100%
XYZ	43.4973, 22.7541, 11.9952
YIQ	101.8810, 115.6190, 68.7630

Conversions

Conversions Part 2

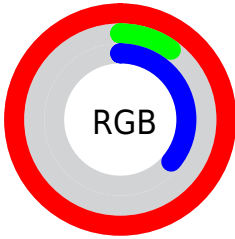
Format	Color
R_{YB}	255, 26, 91
Decimal	16718427
CIE _{Lab}	54.82, 80.06, 26.22
CIE _{LCh}	55, 84.246, 18.136
Yxy	22.7541, 0.5559, 0.2908
Android (android.graphics.Color)	4294908507 (0xFFFF1A5B)
YUV	101.8810, -5.3643, 134.2854
Hunter-Lab	47.7013, 79.2913, 18.4815

Details

The Yxy color **22.7541, 0.5559, 0.2908** 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 **75.4590, 0.2501, 0.4149**, and the grayscale version is **13.2517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2862, 0.4509, 0.2937**, and **11.1444, 0.5959, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **21.7489, 0.5861, 0.3004**, and if you desaturate by 10%, it is **24.7845, 0.5201, 0.2851**.

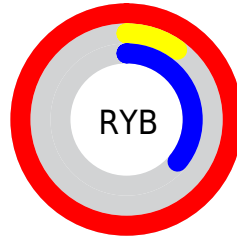
Distribution



Red (100%)

Green (10%)

Blue (36%)



Red (100%)

Yellow (10%)

Blue (36%)

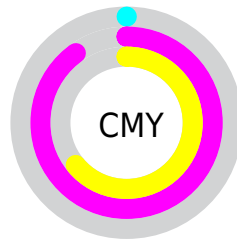


Cyan (0%)

Magenta (90%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7541, 0.5559, 0.2908 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 22.7541, 0.5559, 0.2908 by changing the saturation by 10% instead.


 22.7541, 0.5559,
0.2908


 22.7541, 0.5559,
0.2908


266.4595, 0.4218,
0.3197


 14.4120, 0.5917,
0.2798


 47.9892, 0.5050,
0.3040

 8.4078, 0.6377,
0.2635


 65.6511, 0.4864,
0.3082

 4.3570, 0.6977,
0.2383

 87.1884, 0.4710,
0.3113

 1.8752, 0.7965,
0.2035

 112.9854, 0.4580,
0.3138

 0.5334, 0.8747,
0.1253

 143.4267, 0.4470,
0.3158

 0.0000, 1.0000,
0.0000

178.8965, 0.4374,

 0.0000, 0.0000,

0.3173

0.0000

219.7793, 0.4291,
0.3187

■ 22.7541, 0.5559,
0.2908

■ 22.7541, 0.5559,
0.2908

■ 21.7489, 0.5861,
0.3004

■ 24.7845, 0.5201,
0.2851

■ 21.7321, 0.5867,
0.3006

■ 28.1190, 0.4822,
0.2839

■ 32.9376, 0.4457,
0.2866

■ 39.3907, 0.4127,
0.2920

■ 47.6098, 0.3844,
0.2991

■ 57.7132, 0.3607,
0.3068

■ 69.8088, 0.3412,
0.3145

■ 83.9963, 0.3253,
0.3221

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



22.7541, 0.4263, 0.2189



22.7541, 0.5559, 0.2908



22.7541, 0.5838, 0.3699

Triad

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



22.7541, 0.5559, 0.2908



22.7541, 0.2893, 0.6069



22.7541, 0.1153, 0.1446

Complementary

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



22.7541, 0.5559, 0.2908



75.4590, 0.2501, 0.4149

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.



22.7541, 0.0975, 0.1889



22.7541, 0.5559, 0.2908



22.7541, 0.1796, 0.4860

Square

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



22.7541, 0.5559, 0.2908



22.7541, 0.4101, 0.5648



22.7541, 0.1145, 0.3000



22.7541, 0.1700, 0.1397

Rectangle

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



22.7541, 0.5559, 0.2908



22.7541, 0.5482, 0.4300



22.7541, 0.1145, 0.3000



22.7541, 0.1057, 0.1540

Sweetspot

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



22.7555, 0.5559, 0.2908



60.8818, 0.3549, 0.3089



18.4386, 0.2527, 0.1203



12.2055, 0.3620, 0.3063



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.



22.7555, 0.5559, 0.2908



21.7323, 0.5867, 0.3006



25.9475, 0.5961, 0.3537



18.0718, 0.3249, 0.3223



11.3776, 0.5825, 0.2983



1.1256, 0.5506, 0.2807

Inverse Universe

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



22.7555, 0.5559, 0.2908



21.7323, 0.5867, 0.3006



53.1426, 0.2096, 0.2695



18.0718, 0.3249, 0.3223



11.3776, 0.5825, 0.2983



1.1256, 0.5506, 0.2807

Previews

White Background



This preview shows how the Yxy color 22.7541, 0.5559, 0.2908 looks on a white background.

Color Contrast Check

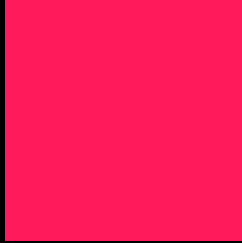
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7541, 0.5559, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

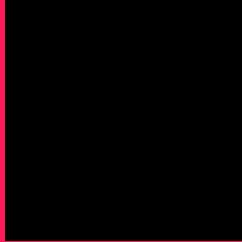
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.7541, 0.5559, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 22.7541, 0.5559, 0.2908.



This preview shows how white text looks on a background with the Yxy color 22.7541, 0.5559, 0.2908.

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

22.7541, 0.5559, 0.2908

Protanopia

22.9396, 0.3162, 0.3290

Deuteranopia

22.9745, 0.4094, 0.4019



Tritanopia

22.7705, 0.6069, 0.3308

Trichromacy



Original Color

22.7541, 0.5559, 0.2908



Protanomaly

18.5546, 0.4052, 0.2957



Deuteranomaly

19.5545, 0.4785, 0.3371



Tritanomaly

22.7097, 0.5934, 0.3184

Monochromacy



Original Color

22.7541, 0.5559, 0.2908



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

13.0485, 0.4178, 0.2907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7541, 0.5559, 0.2908 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, 26, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 91)  
}
```

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, 26, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 91) }
```

Border

The CSS property to change the border of an element to Yxy 22.7541, 0.5559, 0.2908 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, 26, 91) }
```

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

```
.border{ border-color:rgb(255, 26, 91) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7541, 0.5559, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 91) }
```

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

```
.background{ background-color: rgb(255, 26,  
91) }
```

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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