

Converting Colors

Yxy(22.4446, 0.5948, 0.3141)

Have a look what the booklet for
Yxy(22.4446, 0.5948, 0.3141)
contains.

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Color

Yxy(22.4274, 0.5950, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	FF1C3D
RGB	255, 28, 61
RGB Percent	100%, 11%, 24%
CMY	0.0000, 0.8901, 0.7609
CMYK	0.00, 0.89, 0.76, 0.00
HSL	351°, 100%, 55%
HSV	351°, 89%, 100%
XYZ	42.4978, 22.4274, 6.4997
YIQ	99.6350, 124.6990, 58.3870

Conversions

Conversions Part 2

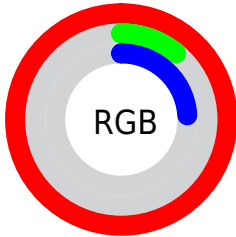
Format	Color
RYB	255, 28, 61
Decimal	16718909
CIELab	54.48, 78.55, 43.35
CIElCh	54, 89.721, 28.892
Yxy	22.4274, 0.5950, 0.3140
Android (android.graphics.Color)	4294908989 (0xFFFF1C3D)
YUV	99.6350, -19.0471, 136.2551
Hunter-Lab	47.3576, 77.3067, 25.0130

Details

The Yxy color **22.4274, 0.5950, 0.3140** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **77.0442, 0.2378, 0.3706**, and the grayscale version is **12.6747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.4673, 0.4921, 0.3258**, and **10.8625, 0.6294, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **21.4625, 0.6216, 0.3204**, and if you desaturate by 10%, it is **24.4754, 0.5574, 0.3094**.

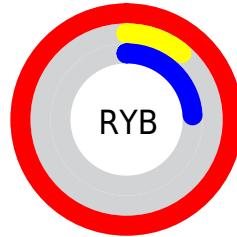
Distribution



Red (100%)

Green (11%)

Blue (24%)



Red (100%)

Yellow (11%)

Blue (24%)

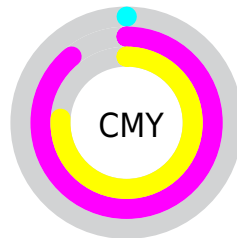


Cyan (0%)

Magenta (89%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4274, 0.5950, 0.3140 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 22.4274, 0.5950, 0.3140 by changing the saturation by 10% instead.


 22.4274, 0.5950,
0.3140


 22.4274, 0.5950,
0.3140


264.7702, 0.4426,
0.3372


 14.1713, 0.6325,
0.3019


 47.4514, 0.5390,
0.3270

 8.2399, 0.6781,
0.2830


 64.9880, 0.5179,
0.3305

 4.2488, 0.7435,
0.2565

 86.3870, 0.5002,
0.3328

 1.8137, 0.7950,
0.2050

 112.0327, 0.4851,
0.3345

 0.4957, 0.8769,
0.1231

 142.3094, 0.4722,
0.3356

 0.0000, 1.0000,
0.0000

 177.6017, 0.4610,

 0.0000, 0.0000,

0.3364

0.0000

218.2938, 0.4512,
0.3369

■ 22.4274, 0.5950,
0.3140

■ 22.4274, 0.5950,
0.3140

■ 21.4625, 0.6216,
0.3204

■ 24.4754, 0.5574,
0.3094


■ 21.3936, 0.6237,
0.3210


■ 27.8668, 0.5139,
0.3076

■ 32.7827, 0.4704,
0.3082

■ 39.3756, 0.4306,
0.3106

■ 47.7791, 0.3964,
0.3141

 58.1136, 0.3680,
0.3180

 70.4890, 0.3449,
0.3219

 85.0069, 0.3263,
0.3258

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.



22.4274, 0.4916, 0.2380



22.4274, 0.5950, 0.3140



22.4274, 0.5799, 0.3985

Triad

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



22.4274, 0.5950, 0.3140



22.4274, 0.2397, 0.6046



22.4274, 0.1221, 0.1307

Complementary

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



22.4274, 0.5950, 0.3140



77.0442, 0.2378, 0.3706

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.



22.4274, 0.0916, 0.1584



22.4274, 0.5950, 0.3140



22.4274, 0.1400, 0.4210

Square

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



22.4274, 0.5950, 0.3140



22.4274, 0.3636, 0.6072



22.4274, 0.0943, 0.2435



22.4274, 0.1949, 0.1374

Rectangle

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



22.4274, 0.5950, 0.3140



22.4274, 0.5242, 0.4672



22.4274, 0.0943, 0.2435



22.4274, 0.1080, 0.1355

Sweetspot

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



22.4283, 0.5950, 0.3140



60.4331, 0.3629, 0.3188



23.4167, 0.2869, 0.1392



12.1021, 0.3716, 0.3174



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.



22.4283, 0.5950, 0.3140



21.3936, 0.6237, 0.3210



31.9570, 0.5598, 0.3826



18.0300, 0.3271, 0.3256



11.1915, 0.6208, 0.3194



1.1019, 0.5943, 0.3047

Inverse Universe

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



22.4283, 0.5950, 0.3140



21.3936, 0.6237, 0.3210



38.3453, 0.1969, 0.2222



18.0300, 0.3271, 0.3256



11.1915, 0.6208, 0.3194



1.1019, 0.5943, 0.3047

Previews

White Background



This preview shows how the Yxy color 22.4274, 0.5950, 0.3140 looks on a white background.

Color Contrast Check

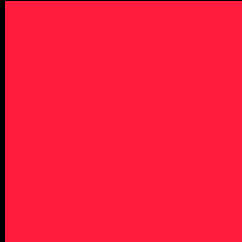
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4274, 0.5950, 0.3140 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 22.4274, 0.5950, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 22.4274, 0.5950, 0.3140.



This preview shows how white text looks on a background with the Yxy color 22.4274, 0.5950, 0.3140.

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

22.4274, 0.5950, 0.3140

Protanopia

22.6507, 0.3695, 0.3988

Deuteranopia

22.3991, 0.4479, 0.4400



Tritanopia

22.3718, 0.6180, 0.3314

Trichromacy



Original Color

22.4274, 0.5950, 0.3140

Protanomaly

18.5297, 0.4657, 0.3487

Deuteranomaly

19.1195, 0.5234, 0.3716

Tritanomaly

22.2710, 0.6115, 0.3258

Monochromacy



Original Color

22.4274, 0.5950, 0.3140

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.6374, 0.4374, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4274, 0.5950, 0.3140 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, 28, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 61)  
}
```

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, 28, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 61) }
```

Border

The CSS property to change the border of an element to Yxy 22.4274, 0.5950, 0.3140 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, 28, 61) }
```

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

```
.border{ border-color:rgb(255, 28, 61) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4274, 0.5950, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 61) }
```

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

```
.background{ background-color: rgb(255, 28,  
61) }
```

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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