

Converting Colors

$Yxy(22.0378, 0.5985, 0.3208)$

Have a look what the booklet for
Yxy(22.0378, 0.5985, 0.3208)
contains.

Yxy(22.0373, 0.5980, 0.3208)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.0373, 0.5980, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	FB2436
RGB	251, 36, 54
RGB Percent	98%, 14%, 21%
CMY	0.0157, 0.8587, 0.7882
CMYK	0.00, 0.86, 0.78, 0.02
HSL	355°, 96%, 56%
HSV	355°, 86%, 98%
XYZ	41.0795, 22.0373, 5.5780
YIQ	102.3370, 122.3620, 51.1780

Conversions

Conversions Part 2

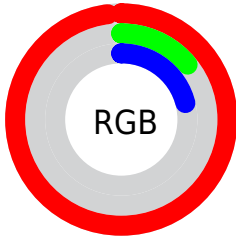
Format	Color
RYB	251, 36, 54
Decimal	16458806
CIELab	54.07, 76.02, 46.52
CIELCh	54, 89.130, 31.465
Yxy	22.0373, 0.5980, 0.3208
Android (android.graphics.Color)	4294648886 (0xFFFB2436)
YUV	102.3370, -23.8301, 130.3775
Hunter-Lab	46.9439, 74.0493, 25.8157

Details

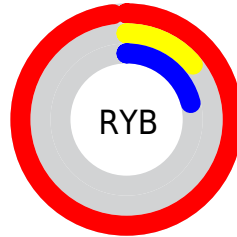
The Yxy color **22.0373, 0.5980, 0.3208** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **75.2528, 0.2331, 0.3513**, and the grayscale version is **13.4244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7347, 0.4992, 0.3342**, and **10.3362, 0.6344, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **20.8453, 0.6254, 0.3247**, and if you desaturate by 10%, it is **24.3962, 0.5582, 0.3182**.

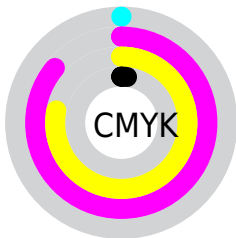
Distribution



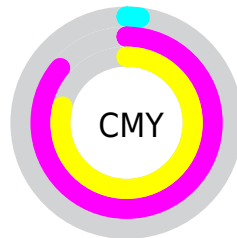
- Red (98%)
- Green (14%)
- Blue (21%)



- Red (98%)
- Yellow (14%)
- Blue (21%)



- Cyan (0%)
- Magenta (86%)
- Yellow (78%)
- Black (2%)



- Cyan (2%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0373, 0.5980, 0.3208 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 22.0373, 0.5980, 0.3208 by changing the saturation by 10% instead.


 22.0373, 0.5980,
0.3208


 22.0373, 0.5980,
0.3208


262.7410, 0.4444,
0.3417


 13.8843, 0.6352,
0.3087


 46.8076, 0.5419,
0.3334


 8.0402, 0.6800,
0.2893


 64.1938, 0.5206,
0.3366


 4.1207, 0.7395,
0.2605

 85.4264, 0.5027,
0.3387

 1.7413, 0.7915,
0.2085

 110.8900, 0.4875,
0.3400

 0.4502, 0.8788,
0.1212

 140.9688, 0.4744,
0.3408

 0.0000, 1.0000,
0.0000

 176.0473, 0.4631,

 0.0000, 0.0000,

0.3413

0.0000

216.5099, 0.4532,
0.3416

■ 22.0373, 0.5980,
0.3208

■ 22.0373, 0.5980,
0.3208

■ 20.8453, 0.6254,
0.3247

■ 24.3962, 0.5582,
0.3182

■ 20.5626, 0.6331,
0.3261

■ 28.1216, 0.5125,
0.3173


■ 33.3805, 0.4672,
0.3177


■ 40.3146, 0.4263,
0.3192

■ 49.0497, 0.3915,
0.3212

 59.6996, 0.3630,
0.3235

 72.3685, 0.3399,
0.3257

 87.1533, 0.3215,
0.3279

 99.2485, 0.3102,
0.3290

Harmonies

Analogous

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



22.0373, 0.5044, 0.2443



22.0373, 0.5980, 0.3208



22.0373, 0.5741, 0.4066

Triad

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



22.0373, 0.5980, 0.3208



22.0373, 0.2297, 0.5945



22.0373, 0.1265, 0.1301

Complementary

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



22.0373, 0.5980, 0.3208



75.2528, 0.2331, 0.3513

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.



22.0373, 0.0930, 0.1544



22.0373, 0.5980, 0.3208



22.0373, 0.1340, 0.4025

Square

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



22.0373, 0.5980, 0.3208



22.0373, 0.3528, 0.6132



22.0373, 0.0928, 0.2330



22.0373, 0.2037, 0.1395

Rectangle

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



22.0373, 0.5980, 0.3208



22.0373, 0.5155, 0.4769



22.0373, 0.0928, 0.2330



22.0373, 0.1113, 0.1340

Sweetspot

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



22.0387, 0.5980, 0.3208



61.4321, 0.3640, 0.3234



24.9690, 0.2991, 0.1478



12.2860, 0.3733, 0.3226



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.



22.0387, 0.5980, 0.3208



21.3153, 0.6332, 0.3262



34.5599, 0.5380, 0.3950



17.2487, 0.3281, 0.3271



10.8172, 0.6311, 0.3250



1.0097, 0.6116, 0.3143

Inverse Universe

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



22.0387, 0.5980, 0.3208



21.3153, 0.6332, 0.3262



34.2549, 0.1950, 0.2114



17.2487, 0.3281, 0.3271



10.8172, 0.6311, 0.3250



1.0097, 0.6116, 0.3143

Previews

White Background



This preview shows how the Yxy color 22.0373, 0.5980, 0.3208 looks on a white background.

Color Contrast Check

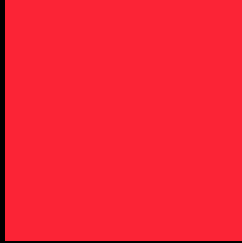
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0373, 0.5980, 0.3208 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 22.0373, 0.5980, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 22.0373, 0.5980, 0.3208.



This preview shows how white text looks on a background with the Yxy color 22.0373, 0.5980, 0.3208.

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

22.0373, 0.5980, 0.3208

Protanopia

22.2952, 0.3834, 0.4153

Deuteranopia

22.0924, 0.4549, 0.4460



Tritanopia

22.0938, 0.6114, 0.3308

Trichromacy



Original Color

22.0373, 0.5980, 0.3208

Protanomaly

18.7658, 0.4764, 0.3632

Deuteranomaly

19.2661, 0.5271, 0.3803

Tritanomaly

22.0699, 0.6073, 0.3276

Monochromacy



Original Color

22.0373, 0.5980, 0.3208

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.1726, 0.4363, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0373, 0.5980, 0.3208 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(251, 36, 54)` looks like.

```
.text, #text, p{  
    color:rgb(251, 36, 54)  
}
```

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(251, 36, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 36, 54) }
```

Border

The CSS property to change the border of an element to Yxy 22.0373, 0.5980, 0.3208 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(251, 36, 54) }
```

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

```
.border{ border-color:rgb(251, 36, 54) }
```

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

Here you see how a box with a 4 pixel rgb(251, 36, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 36, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 36, 54);  
box-shadow:4px 4px 4px 4px rgb(251, 36,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0373, 0.5980, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 36, 54) }
```

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

```
.background{ background-color: rgb(251, 36,  
54) }
```

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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