

Converting Colors

Yxy(31.4325, 0.4626, 0.2996)

Have a look what the booklet for
Yxy(31.4325, 0.4626, 0.2996)
contains.

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Color

Yxy(31.4553, 0.4623, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	FB6583
RGB	251, 101, 131
RGB Percent	98%, 40%, 51%
CMY	0.0157, 0.6039, 0.4861
CMYK	0.00, 0.60, 0.48, 0.02
HSL	348°, 95%, 69%
HSV	348°, 60%, 98%
XYZ	48.5373, 31.4553, 24.9984
YIQ	149.2700, 79.7700, 41.1300

Conversions

Conversions Part 2

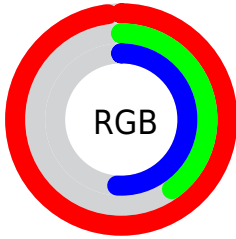
Format	Color
R _Y B	251, 101, 131
Decimal	16475523
CIE Lab	62.89, 59.61, 13.55
CIE LCh	63, 61.130, 12.808
Yxy	31.4553, 0.4623, 0.2996
Android (android.graphics.Color)	4294665603 (0xFFFB6583)
YUV	149.2700, -9.0071, 89.2172
Hunter-Lab	56.0850, 56.3294, 12.8326

Details

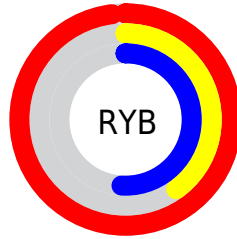
The Yxy color **31.4553, 0.4623, 0.2996** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **76.9828, 0.2515, 0.3660**, and the grayscale version is **30.1895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8346, 0.3817, 0.3009**, and **13.0139, 0.5112, 0.2855** is the 20% darker color. If you saturate the color by 10%, you get **26.8119, 0.5033, 0.2984**, and if you desaturate by 10%, it is **37.6953, 0.4250, 0.3031**.

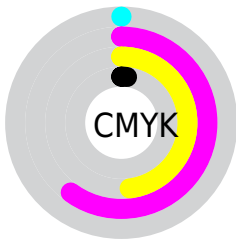
Distribution



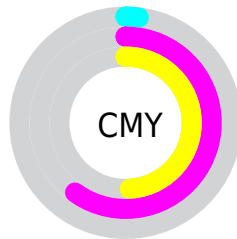
- Red (98%)
- Green (40%)
- Blue (51%)



- Red (98%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (60%)
- Yellow (48%)
- Black (2%)





- Cyan (2%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4553, 0.4623, 0.2996 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 31.4553, 0.4623, 0.2996 by changing the saturation by 10% instead.


 31.4553, 0.4623,
0.2996


 31.4553, 0.4623,
0.2996


308.6304, 0.3824,
0.3177

 20.9458, 0.4836,
0.2939


 61.9562, 0.4322,
0.3070


 13.0844, 0.5116,
0.2859


 82.7164, 0.4212,
0.3096

 7.4867, 0.5497,
0.2740


 107.6622, 0.4120,
0.3116

 3.7683, 0.6039,
0.2550

 137.1781, 0.4043,
0.3133

 1.5448, 0.6882,
0.2239

171.6485, 0.3976,
0.3147

 0.3200, 0.8696,
0.1304

211.4578, 0.3919,

 0.0000, 1.0000,

0.3159

0.0000

256.9903, 0.3868,
0.3169

■ 0.0000, 0.0000,
0.0000

■ 31.4553, 0.4623,
0.2996

■ 31.4553, 0.4623,
0.2996

■ 26.8119, 0.5033,
0.2984

■ 37.6953, 0.4250,
0.3031

■ 23.6136, 0.5449,
0.3003

■ 45.6552, 0.3929,
0.3079

■ 21.6881, 0.5822,
0.3059

■ 55.4519, 0.3662,
0.3133

■ 20.7598, 0.6107,
0.3140

■ 67.1906, 0.3443,
0.3188

■ 20.7427, 0.6113,
0.3141

■ 80.9687, 0.3267,
0.3241

96.8768, 0.3124,
0.3291

99.2501, 0.3102,
0.3290

Harmonies

Analogous

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



31.4553, 0.3719, 0.2432



31.4553, 0.4623, 0.2996



31.4553, 0.5024, 0.3645

Triad

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



31.4553, 0.4623, 0.2996



31.4553, 0.3262, 0.5074



31.4553, 0.1618, 0.2005

Complementary

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



31.4553, 0.4623, 0.2996



76.9828, 0.2515, 0.3660

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.



31.4553, 0.1538, 0.2473



31.4553, 0.4623, 0.2996



31.4553, 0.2400, 0.4444

Square

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



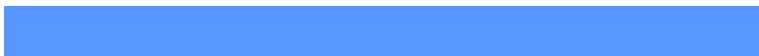
31.4553, 0.4623, 0.2996



31.4553, 0.4136, 0.4916



31.4553, 0.1788, 0.3355



31.4553, 0.2013, 0.1884

Rectangle

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



31.4553, 0.4623, 0.2996



31.4553, 0.4936, 0.4098



31.4553, 0.1788, 0.3355



31.4553, 0.1557, 0.2118

Sweetspot

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



31.4570, 0.4623, 0.2996



71.9872, 0.3410, 0.3198



31.2558, 0.2889, 0.1766



14.5810, 0.3466, 0.3182



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.



31.4570, 0.4623, 0.2996



26.9037, 0.5130, 0.2985



41.2453, 0.4696, 0.3722



17.2820, 0.3262, 0.3243



10.9190, 0.6077, 0.3122



1.0256, 0.5763, 0.2948

Inverse Universe

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



31.4570, 0.4623, 0.2996



26.9037, 0.5130, 0.2985



55.0895, 0.2272, 0.2754



17.2820, 0.3262, 0.3243



10.9190, 0.6077, 0.3122



1.0256, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 31.4553, 0.4623, 0.2996 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.4553, 0.4623, 0.2996 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 ✓ Pass

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

Yxy 31.4553, 0.4623, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 31.4553, 0.4623, 0.2996.



This preview shows how white text looks on a background with the Yxy color 31.4553, 0.4623, 0.2996.

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

31.4553, 0.4623, 0.2996

Protanopia

31.7951, 0.3092, 0.3199

Deuteranopia

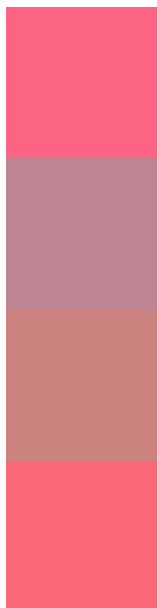
31.6698, 0.3686, 0.3625



Tritanopia

31.5748, 0.4853, 0.3237

Trichromacy



Original Color

31.4553, 0.4623, 0.2996

Protanomaly

29.7320, 0.3602, 0.3085

Deuteranomaly

30.3349, 0.4032, 0.3332

Tritanomaly

31.5326, 0.4770, 0.3157

Monochromacy



Original Color

31.4553, 0.4623, 0.2996

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.8946, 0.3641, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4553, 0.4623, 0.2996 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, 101, 131)` looks like.

```
.text, #text, p{  
    color:rgb(251, 101, 131)  
}
```

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, 101, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 101, 131) }
```

Border

The CSS property to change the border of an element to Yxy 31.4553, 0.4623, 0.2996 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, 101, 131) }
```

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

```
.border{ border-color:rgb(251, 101, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 101, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 101, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 101, 131);  
box-shadow:4px 4px 4px 4px rgb(251, 101,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4553, 0.4623, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 101, 131) }
```

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

```
.background{ background-color: rgb(251,  
101, 131) }
```

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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