

Converting Colors

$Yxy(37.1898, 0.4746, 0.2885)$

Have a look what the booklet for
Yxy(37.1898, 0.4746, 0.2885)
contains.

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Color

Yxy(31.6394, 0.4508, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	FF6090
RGB	255, 96, 144
RGB Percent	100%, 38%, 56%
CMY	0.0000, 0.6234, 0.4354
CMYK	0.00, 0.62, 0.44, 0.00
HSL	342°, 100%, 69%
HSV	342°, 62%, 100%
XYZ	50.4529, 31.6394, 29.8263
YIQ	149.0130, 79.3560, 48.6360

Conversions

Conversions Part 2

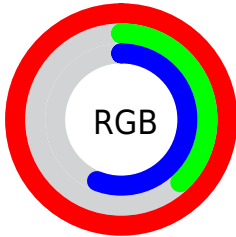
Format	Color
RYB	255, 96, 144
Decimal	16736400
CIELab	63.04, 64.14, 6.39
CIELCh	63, 64.454, 5.691
Yxy	31.6394, 0.4508, 0.2827
Android (android.graphics.Color)	4294926480 (0xFFFF6090)
YUV	149.0130, -2.4714, 92.9506
Hunter-Lab	56.2489, 61.6714, 7.9354

Details

The Yxy color **31.6394, 0.4508, 0.2827** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78.5076, 0.2569, 0.3890**, and the grayscale version is **30.0495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1197, 0.3688, 0.2825**, and **13.1256, 0.4954, 0.2654** is the 20% darker color. If you saturate the color by 10%, you get **27.2151, 0.4869, 0.2805**, and if you desaturate by 10%, it is **37.6612, 0.4178, 0.2880**.

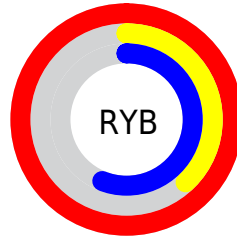
Distribution



Red (100%)

Green (38%)

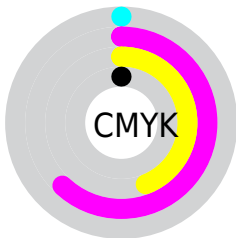
Blue (56%)



Red (100%)

Yellow (38%)

Blue (56%)

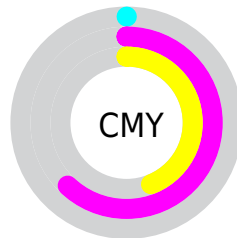


Cyan (0%)

Magenta (62%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6394, 0.4508, 0.2827 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 31.6394, 0.4508, 0.2827 by changing the saturation by 10% instead.


 31.6394, 0.4508,
0.2827


 31.6394, 0.4508,
0.2827


309.4733, 0.3775,
0.3084


 21.0862, 0.4703,
0.2755


 62.2454, 0.4232,
0.2926

 13.1870, 0.4959,
0.2658


 83.0669, 0.4132,
0.2962

 7.5575, 0.5308,
0.2522


 108.0801, 0.4047,
0.2991

 3.8131, 0.5808,
0.2320

 137.6692, 0.3976,
0.3015

 1.5696, 0.6561,
0.1996

172.2187, 0.3915,
0.3036

 0.3370, 0.8759,
0.1241

212.1129, 0.3862,

 0.0000, 1.0000,

0.3054

0.0000

257.7363, 0.3816,
0.3070

0.0000, 0.0000,
0.0000

31.6394, 0.4508,
0.2827

31.6394, 0.4508,
0.2827

27.2151, 0.4869,
0.2805

37.6612, 0.4178,
0.2880

24.2273, 0.5238,
0.2826

45.4109, 0.3891,
0.2952

22.4896, 0.5579,
0.2895

55.0111, 0.3650,
0.3032

21.7927, 0.5805,
0.2972

66.5719, 0.3450,
0.3115

80.1946, 0.3287,
0.3196

95.9736, 0.3154,
0.3273

99.9979, 0.3127,
0.3290

Harmonies

Analogous

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



31.6394, 0.3490, 0.2279



31.6394, 0.4508, 0.2827



31.6394, 0.5080, 0.3481

Triad

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



31.6394, 0.4508, 0.2827



31.6394, 0.3479, 0.5199



31.6394, 0.1510, 0.2026

Complementary

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



31.6394, 0.4508, 0.2827



78.5076, 0.2569, 0.3890

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.



31.6394, 0.1501, 0.2606



31.6394, 0.4508, 0.2827



31.6394, 0.2556, 0.4745

Square

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



31.6394, 0.4508, 0.2827



31.6394, 0.4360, 0.4856



31.6394, 0.1844, 0.3626



31.6394, 0.1838, 0.1829

Rectangle

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



31.6394, 0.4508, 0.2827



31.6394, 0.5082, 0.3946



31.6394, 0.1844, 0.3626



31.6394, 0.1471, 0.2171

Sweetspot

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



31.6411, 0.4508, 0.2827



70.8973, 0.3392, 0.3143



28.5188, 0.2728, 0.1644



14.3807, 0.3442, 0.3119



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.



31.6411, 0.4508, 0.2827



26.2902, 0.4968, 0.2806



36.8126, 0.4922, 0.3573



18.0773, 0.3247, 0.3219



11.4112, 0.5763, 0.2948



1.1294, 0.5442, 0.2772

Inverse Universe

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



31.6411, 0.4508, 0.2827



26.2902, 0.4968, 0.2806



64.0161, 0.2291, 0.2932



18.0773, 0.3247, 0.3219



11.4112, 0.5763, 0.2948



1.1294, 0.5442, 0.2772

Previews

White Background



This preview shows how the Yxy color 31.6394, 0.4508, 0.2827 looks on a white background.

Color Contrast Check

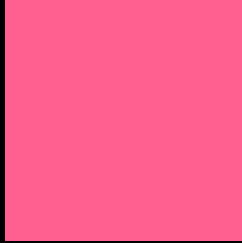
Large Text (above 18pt) WCAG AA × Fail

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 31.6394, 0.4508, 0.2827 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 31.6394, 0.4508, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 31.6394, 0.4508, 0.2827.



This preview shows how white text looks on a background with the Yxy color 31.6394, 0.4508, 0.2827.

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

31.6394, 0.4508, 0.2827

Protanopia

31.9806, 0.2885, 0.2933

Deuteranopia

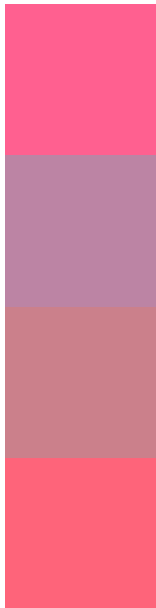
31.6437, 0.3527, 0.3452



Tritanopia

31.7089, 0.4905, 0.3229

Trichromacy



Original Color

31.6394, 0.4508, 0.2827

Protanomaly

29.8742, 0.3413, 0.2857

Deuteranomaly

29.9989, 0.3884, 0.3149

Tritanomaly

31.5903, 0.4777, 0.3083

Monochromacy



Original Color

31.6394, 0.4508, 0.2827

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.7632, 0.3611, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6394, 0.4508, 0.2827 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, 96, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 144)  
}
```

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, 96, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 144) }
```

Border

The CSS property to change the border of an element to Yxy 31.6394, 0.4508, 0.2827 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, 96, 144) }
```

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

```
.border{ border-color:rgb(255, 96, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 96, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6394, 0.4508, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 144) }
```

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

```
.background{ background-color: rgb(255, 96,  
144) }
```

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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