

Converting Colors

Yxy(31.7052, 0.4196, 0.2553)

Have a look what the booklet for
Yxy(31.7052, 0.4196, 0.2553)
contains.

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Color

Yxy(31.7414, 0.4194, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	FF5CA8
RGB	255, 92, 168
RGB Percent	100%, 36%, 66%
CMY	0.0001, 0.6390, 0.3412
CMYK	0.00, 0.64, 0.34, 0.00
HSL	332°, 100%, 68%
HSV	332°, 64%, 100%
XYZ	52.1235, 31.7414, 40.4162
YIQ	149.4010, 72.7520, 58.1920

Conversions

Conversions Part 2

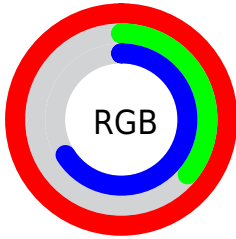
Format	Color
R _{YB}	255, 92, 168
Decimal	16735400
CIE Lab	63.13, 68.19, -7.31
CIE LCh	63, 68.581, 353.884
Yxy	31.7414, 0.4194, 0.2554
Android (android.graphics.Color)	4294925480 (0xFFFF5CA8)
YUV	149.4010, 9.1693, 92.6103
Hunter-Lab	56.3395, 66.5483, -3.0952

Details

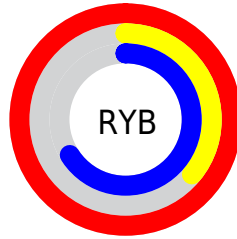
The Yxy color **31.7414, 0.4194, 0.2554** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **77.0306, 0.2679, 0.4272**, and the grayscale version is **30.1778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4004, 0.3453, 0.2553**, and **13.2666, 0.4530, 0.2341** is the 20% darker color. If you saturate the color by 10%, you get **27.5603, 0.4457, 0.2503**, and if you desaturate by 10%, it is **37.4648, 0.3952, 0.2641**.

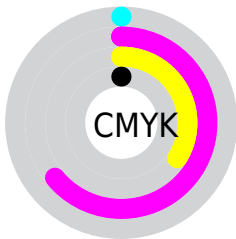
Distribution



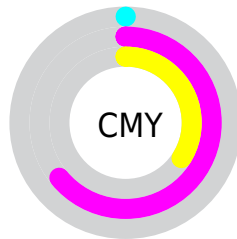
- Red (100%)
- Green (36%)
- Blue (66%)



- Red (100%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (64%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7414, 0.4194, 0.2554 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 31.7414, 0.4194, 0.2554 by changing the saturation by 10% instead.


 31.7414, 0.4194,
0.2554


 31.7414, 0.4194,
0.2554


309.9396, 0.3639,
0.2928


 21.1641, 0.4339,
0.2460


 62.4055, 0.3988,
0.2691


 13.2440, 0.4527,
0.2339


 83.2610, 0.3912,
0.2742

 7.5968, 0.4783,
0.2178


 108.3113, 0.3848,
0.2785

 3.8380, 0.5147,
0.1955

 137.9409, 0.3793,
0.2822

 1.5834, 0.5698,
0.1632

172.5341, 0.3747,
0.2854

 0.3464, 0.6780,
0.0903

212.4754, 0.3706,

 0.0000, 1.0000,

0.2881

0.0000

258.1491, 0.3670,
0.2906

■ 0.0000, 0.0000,
0.0000

■ 31.7414, 0.4194,
0.2554

■ 31.7414, 0.4194,
0.2554

■ 27.5603, 0.4457,
0.2503

■ 37.4648, 0.3952,
0.2641

■ 24.7589, 0.4729,
0.2501

■ 44.8614, 0.3738,
0.2752

■ 23.1468, 0.4994,
0.2555

■ 54.0536, 0.3554,
0.2875

■ 22.5809, 0.5148,
0.2609

■ 65.1511, 0.3399,
0.3002

■ 78.2546, 0.3270,
0.3127

 93.4577, 0.3163,
0.3246

99.9930, 0.3127,
0.3290

Harmonies

Analogous

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



31.7414, 0.3069, 0.2056



31.7414, 0.4194, 0.2554



31.7414, 0.5043, 0.3198

Triad

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



31.7414, 0.4194, 0.2554



31.7414, 0.3860, 0.5240



31.7414, 0.1392, 0.2138

Complementary

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



31.7414, 0.4194, 0.2554



77.0306, 0.2679, 0.4272

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.



31.7414, 0.1513, 0.2928



31.7414, 0.4194, 0.2554



31.7414, 0.2882, 0.5160

Square

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



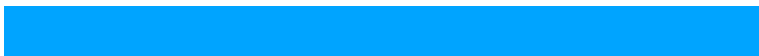
31.7414, 0.4194, 0.2554



31.7414, 0.4713, 0.4653



31.7414, 0.2020, 0.4150



31.7414, 0.1601, 0.1797

Rectangle

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



31.7414, 0.4194, 0.2554



31.7414, 0.5230, 0.3666



31.7414, 0.2020, 0.4150



31.7414, 0.1394, 0.2345

Sweetspot

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



31.7431, 0.4194, 0.2554



71.3324, 0.3333, 0.3064



24.4576, 0.2496, 0.1509



14.4850, 0.3371, 0.3028



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.



31.7431, 0.4194, 0.2554



26.5594, 0.4541, 0.2497



30.6657, 0.5178, 0.3344



18.1280, 0.3221, 0.3180



11.8324, 0.5108, 0.2588



1.1739, 0.4836, 0.2438

Inverse Universe

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



31.7431, 0.4194, 0.2554



26.5594, 0.4541, 0.2497



77.5769, 0.2348, 0.3224



18.1280, 0.3221, 0.3180



11.8324, 0.5108, 0.2588



1.1739, 0.4836, 0.2438

Previews

White Background



This preview shows how the Yxy color 31.7414, 0.4194, 0.2554 looks on a white background.

Color Contrast Check

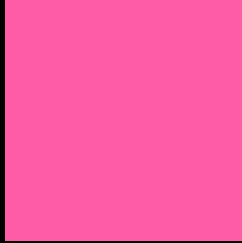
Large Text (above 18pt) WCAG AA × Fail

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 31.7414, 0.4194, 0.2554 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 31.7414, 0.4194, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 31.7414, 0.4194, 0.2554.



This preview shows how white text looks on a background with the Yxy color 31.7414, 0.4194, 0.2554.

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

31.7414, 0.4194, 0.2554

Protanopia

31.9566, 0.2549, 0.2495

Deuteranopia

31.7172, 0.3187, 0.3114



Tritanopia

31.7822, 0.4849, 0.3227

Trichromacy



Original Color

31.7414, 0.4194, 0.2554



Protanomaly

29.5188, 0.3031, 0.2456



Deuteranomaly

30.0885, 0.3543, 0.2834



Tritanomaly

31.4757, 0.4624, 0.2979

Monochromacy



Original Color

31.7414, 0.4194, 0.2554



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

28.5300, 0.3511, 0.2907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7414, 0.4194, 0.2554 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, 92, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 168)  
}
```

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, 92, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 168) }
```

Border

The CSS property to change the border of an element to Yxy 31.7414, 0.4194, 0.2554 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, 92, 168) }
```

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

```
.border{ border-color:rgb(255, 92, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7414, 0.4194, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 168) }
```

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

```
.background{ background-color: rgb(255, 92,  
168) }
```

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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