

Converting Colors

Yxy(31.2164, 0.4910, 0.3203)

Have a look what the booklet for
Yxy(31.2164, 0.4910, 0.3203)
contains.

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Color

Yxy(31.3158, 0.4918, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	FD656E
RGB	253, 101, 110
RGB Percent	99%, 40%, 43%
CMY	0.0078, 0.6039, 0.5687
CMYK	0.00, 0.60, 0.57, 0.01
HSL	356°, 97%, 69%
HSV	356°, 60%, 99%
XYZ	47.9785, 31.3158, 18.2627
YIQ	147.4740, 87.7030, 35.0230

Conversions

Conversions Part 2

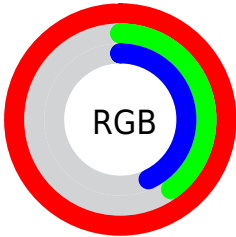
Format	Color
R _Y B	253, 101, 110
Decimal	16606574
CIE Lab	62.77, 58.57, 25.52
CIE LCh	63, 63.890, 23.542
Yxy	31.3158, 0.4918, 0.3210
Android (android.graphics.Color)	4294796654 (0xFFFD656E)
YUV	147.4740, -18.4747, 92.5463
Hunter-Lab	55.9605, 55.1086, 19.8231

Details

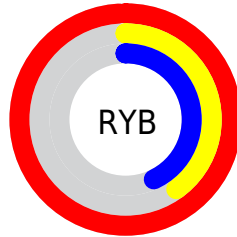
The Yxy color **31.3158, 0.4918, 0.3210** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **79.5576, 0.2425, 0.3395**, and the grayscale version is **29.4350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9826, 0.4039, 0.3240**, and **13.0912, 0.5486, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **26.6870, 0.5388, 0.3212**, and if you desaturate by 10%, it is **37.5989, 0.4475, 0.3217**.

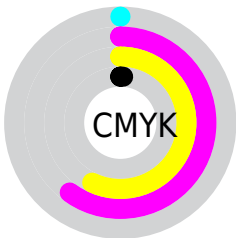
Distribution



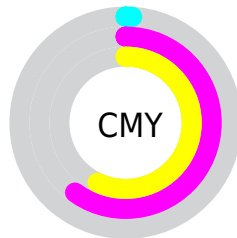
- Red (99%)
- Green (40%)
- Blue (43%)



- Red (99%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (60%)
- Yellow (57%)
- Black (1%)





- Cyan (1%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.3158, 0.4918, 0.3210 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 31.3158, 0.4918, 0.3210 by changing the saturation by 10% instead.

 31.3158, 0.4918,
0.3210


 31.3158, 0.4918,
0.3210


307.9906, 0.3963,
0.3305

 20.8394, 0.5168,
0.3166


 61.7369, 0.4560,
0.3259

 13.0067, 0.5492,
0.3096


 82.4505, 0.4429,
0.3273

 7.4332, 0.5922,
0.2981


 107.3452, 0.4319,
0.3283

 3.7344, 0.6506,
0.2779

 136.8056, 0.4226,
0.3290

 1.5261, 0.7521,
0.2479

171.2159, 0.4146,
0.3296

 0.3070, 0.8705,
0.1295

210.9605, 0.4077,


 0.0000, 1.0000,


0.3300

0.0000


256.4240, 0.4016,
0.3303


 0.0000, 0.0000,
0.0000


 31.3158, 0.4918,
0.3210

 31.3158, 0.4918,
0.3210


 26.6870, 0.5388,
0.3212


 37.5989, 0.4475,
0.3217

 23.5520, 0.5827,
0.3226

 45.6670, 0.4088,
0.3229

 21.7278, 0.6166,
0.3250

 55.6436, 0.3766,
0.3244

 20.9191, 0.6357,
0.3276

 67.6396, 0.3505,
0.3260

 81.7578, 0.3296,
0.3275

98.0936, 0.3128,
0.3290

99.6247, 0.3115,
0.3290

Harmonies

Analogous

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



31.3158, 0.4117, 0.2590



31.3158, 0.4918, 0.3210



31.3158, 0.5087, 0.3894

Triad

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



31.3158, 0.4918, 0.3210



31.3158, 0.2922, 0.5030



31.3158, 0.1672, 0.1875

Complementary

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



31.3158, 0.4918, 0.3210



79.5576, 0.2425, 0.3395

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.



31.3158, 0.1474, 0.2214



31.3158, 0.4918, 0.3210



31.3158, 0.2097, 0.4105

Square

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



31.3158, 0.4918, 0.3210



31.3158, 0.3851, 0.5122



31.3158, 0.1601, 0.2973



31.3158, 0.2198, 0.1861

Rectangle

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



31.3158, 0.4918, 0.3210



31.3158, 0.4849, 0.4365



31.3158, 0.1601, 0.2973



31.3158, 0.1571, 0.1948

Sweetspot

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



31.3175, 0.4918, 0.3210



71.6540, 0.3458, 0.3263



35.4327, 0.3099, 0.1851



14.5014, 0.3525, 0.3259



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.



31.3175, 0.4918, 0.3210



26.4305, 0.5478, 0.3214



49.4147, 0.4535, 0.3955



18.0045, 0.3285, 0.3276



11.1337, 0.6341, 0.3267



1.0899, 0.6203, 0.3191

Inverse Universe

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



31.3175, 0.4918, 0.3210



26.4305, 0.5478, 0.3214



45.4592, 0.2200, 0.2445



18.0045, 0.3285, 0.3276



11.1337, 0.6341, 0.3267



1.0899, 0.6203, 0.3191

Previews

White Background



This preview shows how the Yxy color 31.3158, 0.4918, 0.3210 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 31.3158, 0.4918, 0.3210 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 31.3158, 0.4918, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 31.3158, 0.4918, 0.3210.



This preview shows how white text looks on a background with the Yxy color 31.3158, 0.4918, 0.3210.

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

31.3158, 0.4918, 0.3210

Protanopia

31.5209, 0.3382, 0.3582

Deuteranopia

31.4821, 0.3967, 0.3900



Tritanopia

31.2727, 0.4943, 0.3229

Trichromacy



Original Color

31.3158, 0.4918, 0.3210

Protanomaly

29.5932, 0.3918, 0.3402

Deuteranomaly

30.4158, 0.4326, 0.3596

Tritanomaly

31.2941, 0.4930, 0.3220

Monochromacy



Original Color

31.3158, 0.4918, 0.3210

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.1256, 0.3743, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3158, 0.4918, 0.3210 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(253, 101, 110)` looks like.

```
.text, #text, p{  
    color:rgb(253, 101, 110)  
}
```

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(253, 101, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 101, 110) }
```

Border

The CSS property to change the border of an element to Yxy 31.3158, 0.4918, 0.3210 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(253, 101, 110) }
```

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

```
.border{ border-color:rgb(253, 101, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 101, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 101, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 101, 110);  
box-shadow:4px 4px 4px 4px rgb(253, 101,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3158, 0.4918, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 101, 110) }
```

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

```
.background{ background-color: rgb(253,  
101, 110) }
```

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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