

Converting Colors

$Y_{xy}(31.6729, 0.4264, 0.2657)$

Have a look what the booklet for
Yxy(31.6729, 0.4264, 0.2657)
contains.

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Color

Yxy(31.5993, 0.4260, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	FC60A0
RGB	252, 96, 160
RGB Percent	99%, 38%, 63%
CMY	0.0116, 0.6236, 0.3725
CMYK	0.00, 0.62, 0.37, 0.01
HSL	335°, 96%, 68%
HSV	335°, 62%, 99%
XYZ	50.6826, 31.5993, 36.6914
YIQ	149.9400, 72.4320, 52.9760

Conversions

Conversions Part 2

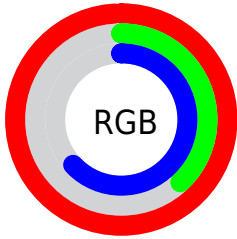
Format	Color
R _Y B	252, 96, 160
Decimal	16539808
CIE Lab	63.01, 64.89, -2.95
CIE LCh	63, 64.961, 357.396
Yxy	31.5993, 0.4260, 0.2656
Android (android.graphics.Color)	4294729888 (0xFFFC60A0)
YUV	149.9400, 4.9596, 89.5066
Hunter-Lab	56.2133, 62.5648, 0.6497

Details

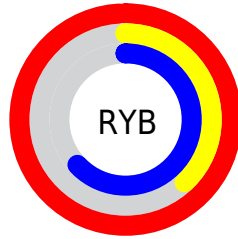
The Yxy color **31.5993, 0.4260, 0.2656** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75.7573, 0.2646, 0.4115**, and the grayscale version is **30.4254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9488, 0.3524, 0.2658**, and **13.1605, 0.4615, 0.2455** is the 20% darker color. If you saturate the color by 10%, you get **27.2279, 0.4554, 0.2609**, and if you desaturate by 10%, it is **37.5095, 0.3993, 0.2736**.

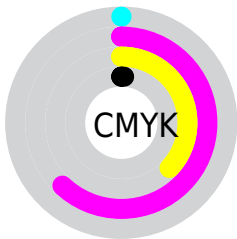
Distribution



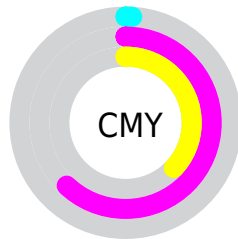
- Red (99%)
- Green (38%)
- Blue (63%)



- Red (99%)
- Yellow (38%)
- Blue (63%)



- Cyan (0%)
- Magenta (62%)
- Yellow (37%)
- Black (1%)




- Cyan (1%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5993, 0.4260, 0.2656 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 31.5993, 0.4260, 0.2656 by changing the saturation by 10% instead.


 31.5993, 0.4260,
0.2656


 31.5993, 0.4260,
0.2656


309.2899, 0.3665,
0.2985


 21.0556, 0.4417,
0.2571


 62.1824, 0.4037,
0.2778

 13.1647, 0.4622,
0.2460


 82.9906, 0.3956,
0.2823

 7.5420, 0.4903,
0.2309


 107.9891, 0.3887,
0.2861

 3.8033, 0.5306,
0.2097

 137.5623, 0.3829,
0.2893

 1.5642, 0.5923,
0.1778

172.0946, 0.3780,
0.2921

 0.3333, 0.7273,
0.1007

211.9703, 0.3736,

 0.0000, 1.0000,

0.2945

0.0000

257.5740, 0.3698,
0.2966

0.0000, 0.0000,
0.0000

31.5993, 0.4260,
0.2656

31.5993, 0.4260,
0.2656

27.2279, 0.4554,
0.2609

37.5095, 0.3993,
0.2736

24.2414, 0.4860,
0.2609

45.0828, 0.3759,
0.2836


22.4625, 0.5159,
0.2662

54.4365, 0.3561,
0.2946

21.6893, 0.5382,
0.2739

65.6758, 0.3395,
0.3058

78.8975, 0.3259,
0.3167

 94.1920, 0.3146,
0.3271

 99.4416, 0.3109,
0.3290

Harmonies

Analogous

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



31.5993, 0.3197, 0.2151



31.5993, 0.4260, 0.2656



31.5993, 0.5003, 0.3292

Triad

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



31.5993, 0.4260, 0.2656



31.5993, 0.3738, 0.5181



31.5993, 0.1465, 0.2134

Complementary

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



31.5993, 0.4260, 0.2656



75.7573, 0.2646, 0.4115

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.



31.5993, 0.1548, 0.2842



31.5993, 0.4260, 0.2656



31.5993, 0.2798, 0.4978

Square

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



31.5993, 0.4260, 0.2656



31.5993, 0.4576, 0.4691



31.5993, 0.1997, 0.3962



31.5993, 0.1705, 0.1842

Rectangle

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



31.5993, 0.4260, 0.2656



31.5993, 0.5132, 0.3751



31.5993, 0.1997, 0.3962



31.5993, 0.1456, 0.2319

Sweetspot

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



31.6010, 0.4260, 0.2656



71.1826, 0.3353, 0.3090



25.9570, 0.2590, 0.1591



14.4490, 0.3395, 0.3059



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.



31.6010, 0.4260, 0.2656



27.1971, 0.4619, 0.2605



32.4783, 0.5023, 0.3418



17.3433, 0.3229, 0.3193



11.3225, 0.5339, 0.2715



1.0691, 0.5028, 0.2543

Inverse Universe

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



31.6010, 0.4260, 0.2656



27.1971, 0.4619, 0.2605



71.2650, 0.2341, 0.3131



17.3433, 0.3229, 0.3193



11.3225, 0.5339, 0.2715



1.0691, 0.5028, 0.2543

Previews

White Background



This preview shows how the Yxy color 31.5993, 0.4260, 0.2656 looks on a white background.

Color Contrast Check

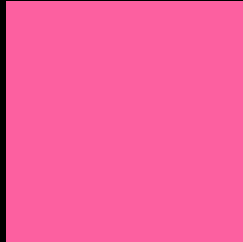
Large Text (above 18pt) WCAG AA × Fail

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 31.5993, 0.4260, 0.2656 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 31.5993, 0.4260, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 31.5993, 0.4260, 0.2656.



This preview shows how white text looks on a background with the Yxy color 31.5993, 0.4260, 0.2656.

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

31.5993, 0.4260, 0.2656

Protanopia

31.8241, 0.2673, 0.2652

Deuteranopia

31.7716, 0.3296, 0.3232



Tritanopia

31.4568, 0.4803, 0.3225

Trichromacy



Original Color

31.5993, 0.4260, 0.2656



Protanomaly

29.5551, 0.3159, 0.2604



Deuteranomaly

30.2092, 0.3644, 0.2950



Tritanomaly

31.2542, 0.4613, 0.3013

Monochromacy



Original Color

31.5993, 0.4260, 0.2656



Achromatopsia

30.4987, 0.3127, 0.3290



Achromatomaly

28.8632, 0.3519, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5993, 0.4260, 0.2656 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(252, 96, 160)` looks like.

```
.text, #text, p{  
    color:rgb(252, 96, 160)  
}
```

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(252, 96, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 96, 160) }
```

Border

The CSS property to change the border of an element to Yxy 31.5993, 0.4260, 0.2656 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(252, 96, 160) }
```

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

```
.border{ border-color:rgb(252, 96, 160) }
```

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

Here you see how a box with a 4 pixel rgb(252, 96, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 96, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 96, 160);  
box-shadow:4px 4px 4px 4px rgb(252, 96,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5993, 0.4260, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 96, 160) }
```

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

```
.background{ background-color: rgb(252, 96,  
160) }
```

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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