

Converting Colors

$Y_{xy}(41.6372, 0.3662, 0.2531)$

Have a look what the booklet for
Yxy(41.6372, 0.3662, 0.2531)
contains.

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Color

Yxy(41.6330, 0.3662, 0.2531)

Conversions

Conversions Part 1

Format	Color
Hex	FF82CD
RGB	255, 130, 205
RGB Percent	100%, 51%, 80%
CMY	0.0001, 0.4901, 0.1961
CMYK	0.00, 0.49, 0.20, 0.00
HSL	324°, 100%, 75%
HSV	324°, 49%, 100%
XYZ	60.2371, 41.6330, 62.6222
YIQ	175.9250, 50.4250, 49.8250

Conversions

Conversions Part 2

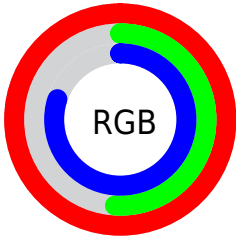
Format	Color
R _Y B	255, 130, 205
Decimal	16745165
CIE Lab	70.62, 56.13, -16.98
CIE LCh	71, 58.645, 343.166
Yxy	41.6330, 0.3662, 0.2531
Android (android.graphics.Color)	4294935245 (0xFFFF82CD)
YUV	175.9250, 14.3340, 69.3488
Hunter-Lab	64.5236, 53.7252, -12.3763

Details

The Yxy color **41.6330, 0.3662, 0.2531** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.5500, 0.2823, 0.4221**, and the grayscale version is **43.2821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5978, 0.3159, 0.2614**, and **19.0023, 0.3802, 0.2341** is the 20% darker color. If you saturate the color by 10%, you get **35.1939, 0.3824, 0.2400**, and if you desaturate by 10%, it is **49.7886, 0.3518, 0.2681**.

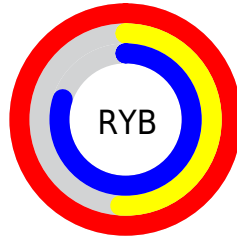
Distribution



Red (100%)

Green (51%)

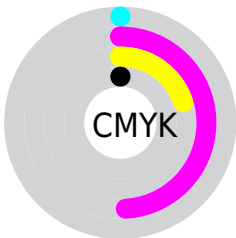
Blue (80%)



Red (100%)

Yellow (51%)

Blue (80%)

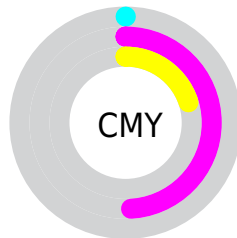


Cyan (0%)

Magenta (49%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (49%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6330, 0.3662, 0.2531 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 41.6330, 0.3662, 0.2531 by changing the saturation by 10% instead.


 41.6330, 0.3662,
0.2531

 41.6330, 0.3662,
0.2531


352.9593, 0.3403,
0.2892


 28.8140, 0.3724,
0.2447


 77.6439, 0.3570,
0.2658

 18.9402, 0.3803,
0.2342


 101.6046, 0.3534,
0.2707

 11.6271, 0.3904,
0.2207


 130.0480, 0.3504,
0.2749

 6.4903, 0.4041,
0.2030

163.3585, 0.3478,
0.2785

 3.1454, 0.4234,
0.1788

201.9205, 0.3456,
0.2817

 1.2081, 0.4524,
0.1441

246.1183, 0.3436,

 0.0683, 0.5380,

0.2845

0.0232

296.3365, 0.3418,
0.2870

■ 0.0000, 0.8717,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.6330, 0.3662,
0.2531

■ 41.6330, 0.3662,
0.2531

■ 35.1939, 0.3824,
0.2400

■ 49.7886, 0.3518,
0.2681

■ 30.3381, 0.4001,
0.2301

■ 59.7688, 0.3393,
0.2840

■ 26.9229, 0.4186,
0.2245

■ 71.6797, 0.3286,
0.3000

■ 24.7763, 0.4373,
0.2240

■ 85.6177, 0.3196,
0.3156

■ 23.6450, 0.4555,
0.2287

99.9963, 0.3127,
0.3290

■ 23.5565, 0.4573,
0.2293

Harmonies

Analogous

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



41.6330, 0.2801, 0.2170



41.6330, 0.3662, 0.2531



41.6330, 0.4443, 0.3050

Triad

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



41.6330, 0.3662, 0.2531



41.6330, 0.4041, 0.4743



41.6330, 0.1699, 0.2575

Complementary

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



41.6330, 0.3662, 0.2531



79.5500, 0.2823, 0.4221

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.



41.6330, 0.1935, 0.3349



41.6330, 0.3662, 0.2531



41.6330, 0.3262, 0.4828

Square

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



41.6330, 0.3662, 0.2531



41.6330, 0.4620, 0.4254



41.6330, 0.2490, 0.4272



41.6330, 0.1773, 0.2145

Rectangle

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



41.6330, 0.3662, 0.2531



41.6330, 0.4741, 0.3444



41.6330, 0.2490, 0.4272



41.6330, 0.1742, 0.2797

Sweetspot

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



41.6350, 0.3662, 0.2531



77.0306, 0.3248, 0.3063



32.6451, 0.2527, 0.1859



15.8779, 0.3267, 0.3030



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.



41.6350, 0.3662, 0.2531



35.2043, 0.3824, 0.2401



39.2589, 0.4347, 0.3143



18.1701, 0.3200, 0.3148



12.3412, 0.4544, 0.2277



1.2232, 0.4350, 0.2170

Inverse Universe

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



41.6350, 0.3662, 0.2531



35.2043, 0.3824, 0.2401



82.5701, 0.2544, 0.3458



18.1701, 0.3200, 0.3148



12.3412, 0.4544, 0.2277



1.2232, 0.4350, 0.2170

Previews

White Background



This preview shows how the Yxy color 41.6330, 0.3662, 0.2531 looks on a white background.

Color Contrast Check

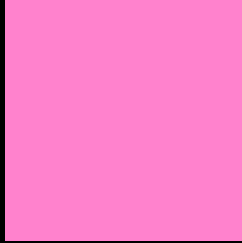
Large Text (above 18pt) WCAG AA × Fail

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 41.6330, 0.3662, 0.2531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

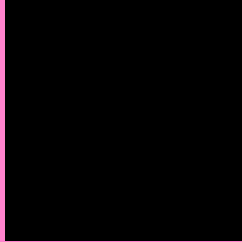
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6330, 0.3662, 0.2531

Background



This preview shows how black text looks on a background with the Yxy color 41.6330, 0.3662, 0.2531.



This preview shows how white text looks on a background with the Yxy color 41.6330, 0.3662, 0.2531.

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

41.6330, 0.3662, 0.2531

Protanopia

42.0349, 0.2545, 0.2492

Deuteranopia

41.9181, 0.2970, 0.2913



Tritanopia

41.6081, 0.4176, 0.3186

Trichromacy



Original Color

41.6330, 0.3662, 0.2531



Protanomaly

40.1810, 0.2883, 0.2481



Deuteranomaly

40.7815, 0.3200, 0.2735



Tritanomaly

41.5270, 0.3988, 0.2934

Monochromacy



Original Color

41.6330, 0.3662, 0.2531



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.3633, 0.3314, 0.2945

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6330, 0.3662, 0.2531 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, 130, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 205)  
}
```

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, 130, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 205) }
```

Border

The CSS property to change the border of an element to Yxy 41.6330, 0.3662, 0.2531 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, 130, 205) }
```

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

```
.border{ border-color:rgb(255, 130, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6330, 0.3662, 0.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 205) }
```

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

```
.background{ background-color: rgb(255,  
130, 205) }
```

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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