

Converting Colors

$Y_{xy}(42.3782, 0.3664, 0.2677)$

Have a look what the booklet for
Yxy(42.3782, 0.3664, 0.2677)
contains.

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Color

Yxy(42.4529, 0.3662, 0.2680)

Conversions

Conversions Part 1

Format	Color
Hex	F88BC5
RGB	248, 139, 197
RGB Percent	97%, 55%, 77%
CMY	0.0276, 0.4548, 0.2275
CMYK	0.00, 0.44, 0.21, 0.03
HSL	328°, 89%, 76%
HSV	328°, 44%, 97%
XYZ	58.0084, 42.4529, 57.9450
YIQ	178.2030, 46.3460, 41.1460

Conversions

Conversions Part 2

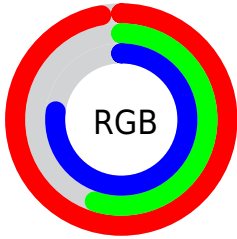
Format	Color
R _Y B	248, 139, 197
Decimal	16288709
CIE Lab	71.18, 48.33, -11.76
CIE LCh	71, 49.744, 346.324
Yxy	42.4529, 0.3662, 0.2680
Android (android.graphics.Color)	4294478789 (0xFFFF88BC5)
YUV	178.2030, 9.2669, 61.2120
Hunter-Lab	65.1559, 44.8961, -7.1192

Details

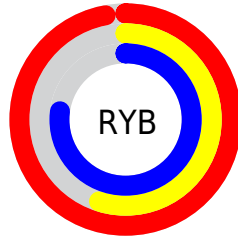
The Yxy color $42.4529, 0.3662, 0.2680$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $76.3194, 0.2809, 0.4007$, and the grayscale version is $44.5684, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.4460, 0.3162, 0.2712$, and $19.2990, 0.3808, 0.2517$ is the 20% darker color. If you saturate the color by 10%, you get $35.5564, 0.3845, 0.2554$, and if you desaturate by 10%, it is $51.0228, 0.3503, 0.2819$.

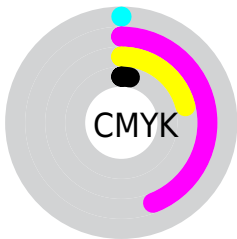
Distribution



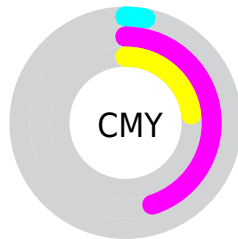
- Red (97%)
- Green (55%)
- Blue (77%)



- Red (97%)
- Yellow (55%)
- Blue (77%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (3%)




- Cyan (3%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4529, 0.3662, 0.2680 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 42.4529, 0.3662, 0.2680 by changing the saturation by 10% instead.

 42.4529, 0.3662,
0.2680


 42.4529, 0.3662,
0.2680


356.3570, 0.3398,
0.2974


 29.4561, 0.3726,
0.2610


 78.8846, 0.3567,
0.2784

 19.4261, 0.3808,
0.2522


 103.0883, 0.3531,
0.2824

 11.9786, 0.3916,
0.2408


 131.7964, 0.3501,
0.2859

 6.7291, 0.4063,
0.2255

165.3933, 0.3475,
0.2888

 3.2933, 0.4277,
0.2041

204.2634, 0.3452,
0.2914

 1.2867, 0.4610,
0.1721

248.7912, 0.3432,

 0.1309, 0.5600,

0.2936

0.0526

299.3609, 0.3414,
0.2956

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.4529, 0.3662,
0.2680

■ 42.4529, 0.3662,
0.2680

■ 35.5564, 0.3845,
0.2554

■ 51.0228, 0.3503,
0.2819

■ 30.2147, 0.4050,
0.2451

■ 61.3618, 0.3368,
0.2963

■ 26.3035, 0.4272,
0.2386

■ 73.5657, 0.3254,
0.3104

■ 23.6763, 0.4502,
0.2369

■ 87.7216, 0.3160,
0.3239

■ 22.1545, 0.4727,
0.2406

■ 98.6887, 0.3084,
0.3290

■ 21.6118, 0.4860,
0.2451

Harmonies

Analogous

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



42.4529, 0.2929, 0.2342



42.4529, 0.3662, 0.2680



42.4529, 0.4288, 0.3152

Triad

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



42.4529, 0.3662, 0.2680



42.4529, 0.3866, 0.4557



42.4529, 0.1883, 0.2642

Complementary

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



42.4529, 0.3662, 0.2680



76.3194, 0.2809, 0.4007

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.



42.4529, 0.2070, 0.3274



42.4529, 0.3662, 0.2680



42.4529, 0.3191, 0.4540

Square

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



42.4529, 0.3662, 0.2680



42.4529, 0.4376, 0.4197



42.4529, 0.2534, 0.4030



42.4529, 0.1974, 0.2285

Rectangle

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



42.4529, 0.3662, 0.2680



42.4529, 0.4514, 0.3504



42.4529, 0.2534, 0.4030



42.4529, 0.1914, 0.2824

Sweetspot

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



42.4549, 0.3662, 0.2680



79.6835, 0.3245, 0.3116



36.1808, 0.2679, 0.2046



16.3936, 0.3268, 0.3086



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.



42.4549, 0.3662, 0.2680



38.4512, 0.3829, 0.2564



40.3980, 0.4259, 0.3254



17.3796, 0.3210, 0.3165



11.7079, 0.4827, 0.2433



1.1058, 0.4580, 0.2297

Inverse Universe

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



42.4549, 0.3662, 0.2680



38.4512, 0.3829, 0.2564



79.1524, 0.2549, 0.3330



17.3796, 0.3210, 0.3165



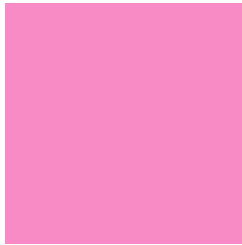
11.7079, 0.4827, 0.2433



1.1058, 0.4580, 0.2297

Previews

White Background



This preview shows how the Yxy color 42.4529, 0.3662, 0.2680 looks on a white background.

Color Contrast Check

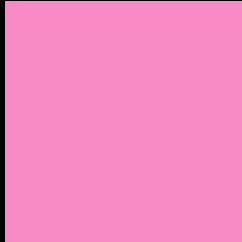
Large Text (above 18pt) WCAG AA × Fail

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 42.4529, 0.3662, 0.2680 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 42.4529, 0.3662, 0.2680

Background



This preview shows how black text looks on a background with the Yxy color 42.4529, 0.3662, 0.2680.

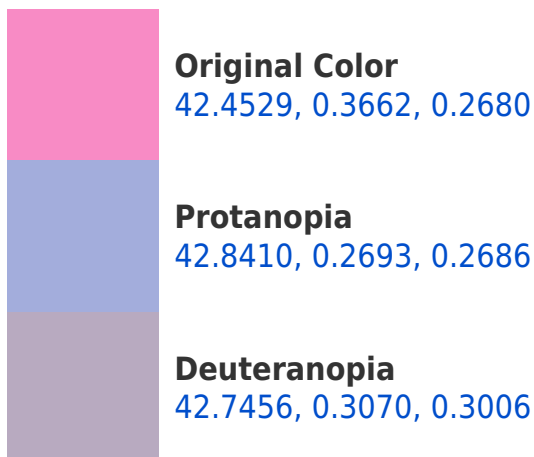


This preview shows how white text looks on a background with the Yxy color 42.4529, 0.3662, 0.2680.

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





Tritanopia

42.5692, 0.4017, 0.3172

Trichromacy



Original Color

42.4529, 0.3662, 0.2680

Protanomaly

41.7125, 0.2996, 0.2666

Deuteranomaly

41.9567, 0.3269, 0.2865

Tritanomaly

42.3376, 0.3886, 0.2988

Monochromacy



Original Color

42.4529, 0.3662, 0.2680

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

42.7502, 0.3307, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4529, 0.3662, 0.2680 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(248, 139, 197)` looks like.

```
.text, #text, p{  
    color:rgb(248, 139, 197)  
}
```

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(248, 139, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 139, 197) }
```

Border

The CSS property to change the border of an element to Yxy 42.4529, 0.3662, 0.2680 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(248, 139, 197) }
```

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

```
.border{ border-color:rgb(248, 139, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 139, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 139, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 139, 197);  
box-shadow:4px 4px 4px 4px rgb(248, 139,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4529, 0.3662, 0.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 139, 197) }
```

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

```
.background{ background-color: rgb(248,  
139, 197) }
```

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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