

Converting Colors

$Y_{xy}(47.5480, 0.3530, 0.2826)$

Have a look what the booklet for
Yxy(47.5480, 0.3530, 0.2826)
contains.

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Color

Yxy(47.5480, 0.3530, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	F29EC9
RGB	242, 158, 201
RGB Percent	95%, 62%, 79%
CMY	0.0509, 0.3804, 0.2117
CMYK	0.00, 0.35, 0.17, 0.05
HSL	329°, 76%, 78%
HSV	329°, 35%, 95%
XYZ	59.3929, 47.5480, 61.3110
YIQ	188.0180, 36.2610, 31.1810

Conversions

Conversions Part 2

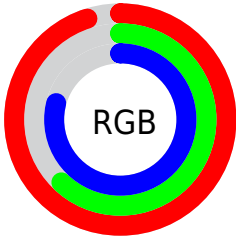
Format	Color
R _Y B	242, 158, 201
Decimal	15900361
CIE Lab	74.54, 37.21, -9.05
CIE LCh	75, 38.298, 346.327
Yxy	47.5480, 0.3530, 0.2826
Android (android.graphics.Color)	4294090441 (0xFFFF29EC9)
YUV	188.0180, 6.4001, 47.3422
Hunter-Lab	68.9551, 33.0757, -4.4488

Details

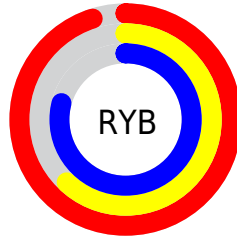
The Yxy color $47.5480, 0.3530, 0.2826$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $74.9080, 0.2857, 0.3810$, and the grayscale version is $50.2492, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $22.4001, 0.3632, 0.2704$ is the 20% darker color. If you saturate the color by 10%, you get $39.5564, 0.3698, 0.2693$, and if you desaturate by 10%, it is $57.2124, 0.3387, 0.2964$.

Distribution



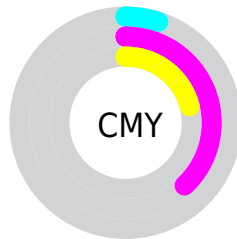
- Red (95%)
- Green (62%)
- Blue (79%)



- Red (95%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (5%)




- Cyan (5%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5480, 0.3530, 0.2826 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 47.5480, 0.3530, 0.2826 by changing the saturation by 10% instead.


 47.5480, 0.3530,
0.2826


 47.5480, 0.3530,
0.2826


376.9977, 0.3334,
0.3049

 33.4691, 0.3578,
0.2773


 86.5310, 0.3460,
0.2905

 22.4860, 0.3638,
0.2707


 112.2039, 0.3433,
0.2935

 14.2145, 0.3716,
0.2621


142.5103, 0.3410,
0.2961

 8.2700, 0.3823,
0.2506

177.8345, 0.3391,
0.2983

 4.2682, 0.3977,
0.2345

218.5610, 0.3374,
0.3003

 1.8247, 0.4215,
0.2102

265.0740, 0.3359,

 0.5025, 0.4708,

0.3020

0.1565

317.7582, 0.3345,
0.3035

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.5480, 0.3530,
0.2826

47.5480, 0.3530,
0.2826

39.5564, 0.3698,
0.2693

57.2124, 0.3387,
0.2964

33.1342, 0.3892,
0.2572

68.6319, 0.3267,
0.3100

28.1767, 0.4109,
0.2477

81.8914, 0.3168,
0.3231

24.5633, 0.4344,
0.2419

97.0683, 0.3086,
0.3354

■ 22.1543, 0.4586,
0.2410

■ 97.6206, 0.3048,
0.3290

■ 20.7784, 0.4823,
0.2456

■ 20.3333, 0.4944,
0.2497

Harmonies

Analogous

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



47.5480, 0.2987, 0.2558



47.5480, 0.3530, 0.2826



47.5480, 0.3986, 0.3201

Triad

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



47.5480, 0.3530, 0.2826



47.5480, 0.3702, 0.4236



47.5480, 0.2171, 0.2819

Complementary

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



47.5480, 0.3530, 0.2826



74.9080, 0.2857, 0.3810

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.



47.5480, 0.2326, 0.3293



47.5480, 0.3530, 0.2826



47.5480, 0.3194, 0.4191

Square

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



47.5480, 0.3530, 0.2826



47.5480, 0.4074, 0.4001



47.5480, 0.2692, 0.3826



47.5480, 0.2241, 0.2529

Rectangle

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



47.5480, 0.3530, 0.2826



47.5480, 0.4155, 0.3480



47.5480, 0.2692, 0.3826



47.5480, 0.2198, 0.2960

Sweetspot

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



47.5502, 0.3530, 0.2826



84.0199, 0.3218, 0.3162



42.9524, 0.2806, 0.2331



17.5399, 0.3233, 0.3144



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.



47.5502, 0.3530, 0.2826



46.7073, 0.3652, 0.2726



45.8497, 0.3941, 0.3277



15.8939, 0.3213, 0.3170



10.9490, 0.4908, 0.2477



0.9310, 0.4623, 0.2320

Inverse Universe

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



47.5502, 0.3530, 0.2826



46.7073, 0.3652, 0.2726



77.1124, 0.2643, 0.3305



15.8939, 0.3213, 0.3170



10.9490, 0.4908, 0.2477



0.9310, 0.4623, 0.2320

Previews

White Background



This preview shows how the Yxy color 47.5480, 0.3530, 0.2826 looks on a white background.

Color Contrast Check

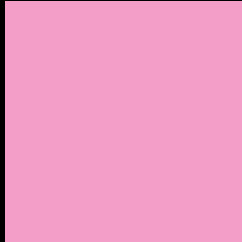
Large Text (above 18pt) WCAG AA × Fail

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 47.5480, 0.3530, 0.2826 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 47.5480, 0.3530, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 47.5480, 0.3530, 0.2826.



This preview shows how white text looks on a background with the Yxy color 47.5480, 0.3530, 0.2826.

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

47.5480, 0.3530, 0.2826

Protanopia

47.8128, 0.2828, 0.2853

Deuteranopia

47.8735, 0.3121, 0.3067



Tritanopia

47.6403, 0.3741, 0.3158

Trichromacy



Original Color

47.5480, 0.3530, 0.2826



Protanomaly

47.0078, 0.3063, 0.2835



Deuteranomaly

47.2001, 0.3266, 0.2970



Tritanomaly

47.4757, 0.3668, 0.3038

Monochromacy



Original Color

47.5480, 0.3530, 0.2826



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.7044, 0.3267, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5480, 0.3530, 0.2826 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(242, 158, 201)` looks like.

```
.text, #text, p{  
    color:rgb(242, 158, 201)  
}
```

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(242, 158, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 158, 201) }
```

Border

The CSS property to change the border of an element to Yxy 47.5480, 0.3530, 0.2826 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(242, 158, 201) }
```

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

```
.border{ border-color:rgb(242, 158, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 158, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 158, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 158, 201);  
box-shadow:4px 4px 4px 4px rgb(242, 158,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5480, 0.3530, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 158, 201) }
```

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

```
.background{ background-color: rgb(242,  
158, 201) }
```

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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