

Converting Colors

$Yxy(47.2562, 0.3500, 0.2815)$

Have a look what the booklet for
Yxy(47.2562, 0.3500, 0.2815)
contains.

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Color

Yxy(47.2433, 0.3502, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	F09ECA
RGB	240, 158, 202
RGB Percent	94%, 62%, 79%
CMY	0.0589, 0.3803, 0.2079
CMYK	0.00, 0.34, 0.16, 0.06
HSL	328°, 73%, 78%
HSV	328°, 34%, 94%
XYZ	58.8148, 47.2433, 61.8882
YIQ	187.5340, 34.7480, 31.0680

Conversions

Conversions Part 2

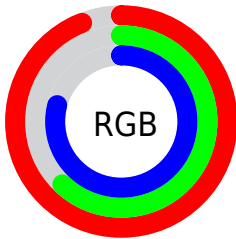
Format	Color
R _Y B	240, 158, 202
Decimal	15769290
CIE Lab	74.35, 36.66, -9.90
CIE LCh	74, 37.971, 344.882
Yxy	47.2433, 0.3502, 0.2813
Android (android.graphics.Color)	4293959370 (0xFFFF09ECA)
YUV	187.5340, 7.1317, 46.0127
Hunter-Lab	68.7338, 32.4566, -5.2714

Details

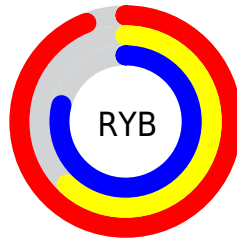
The Yxy color $47.2433, 0.3502, 0.2813$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $73.5620, 0.2872, 0.3825$, and the grayscale version is $49.9569, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $22.3085, 0.3606, 0.2688$ is the 20% darker color. If you saturate the color by 10%, you get $39.3332, 0.3659, 0.2673$, and if you desaturate by 10%, it is $56.7941, 0.3368, 0.2957$.

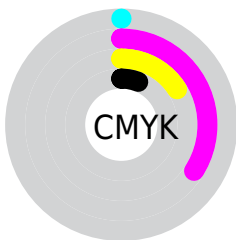
Distribution



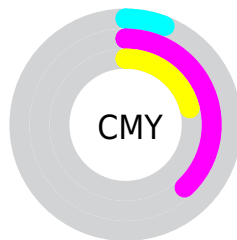
- Red (94%)
- Green (62%)
- Blue (79%)



- Red (94%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (34%)
- Yellow (16%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2433, 0.3502, 0.2813 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 47.2433, 0.3502, 0.2813 by changing the saturation by 10% instead.

 47.2433, 0.3502,
0.2813

 47.2433, 0.3502,
0.2813

375.7848, 0.3320,
0.3042

 33.2280, 0.3546,
0.2759


 86.0767, 0.3437,
0.2894

 22.3012, 0.3602,
0.2691


 111.6636, 0.3412,
0.2925

 14.0784, 0.3674,
0.2603


141.8765, 0.3391,
0.2951

 8.1752, 0.3773,
0.2485

177.0998, 0.3373,
0.2974

 4.2073, 0.3914,
0.2320

217.7179, 0.3357,
0.2994

 1.7902, 0.4133,
0.2072

264.1152, 0.3343,

 0.4810, 0.4595,

0.3012

316.6760, 0.3331,
0.3028

0.1512

0.0000, 0.9654,
0.0000

0.0000, 0.0000,
0.0000

47.2433, 0.3502,
0.2813

47.2433, 0.3502,
0.2813

39.3332, 0.3659,
0.2673

56.7941, 0.3368,
0.2957

32.9631, 0.3840,
0.2546

68.0657, 0.3255,
0.3099

28.0313, 0.4043,
0.2443

81.1408, 0.3161,
0.3236

24.4207, 0.4262,
0.2377

96.0948, 0.3083,
0.3364

■ 21.9961, 0.4488,
0.2360

■ 97.2607, 0.3035,
0.3290

■ 20.5921, 0.4711,
0.2397

■ 20.0989, 0.4837,
0.2438

Harmonies

Analogous

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



47.2433, 0.2963, 0.2553



47.2433, 0.3502, 0.2813



47.2433, 0.3963, 0.3183

Triad

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



47.2433, 0.3502, 0.2813



47.2433, 0.3721, 0.4224



47.2433, 0.2179, 0.2841

Complementary

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



47.2433, 0.3502, 0.2813



73.5620, 0.2872, 0.3825

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.



47.2433, 0.2344, 0.3319



47.2433, 0.3502, 0.2813



47.2433, 0.3219, 0.4195

Square

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



47.2433, 0.3502, 0.2813



47.2433, 0.4080, 0.3981



47.2433, 0.2717, 0.3845



47.2433, 0.2237, 0.2543

Rectangle

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



47.2433, 0.3502, 0.2813



47.2433, 0.4141, 0.3459



47.2433, 0.2717, 0.3845



47.2433, 0.2209, 0.2984

Sweetspot

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



47.2455, 0.3502, 0.2813



84.0577, 0.3214, 0.3156



42.3396, 0.2791, 0.2343



17.5490, 0.3228, 0.3137



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.



47.2455, 0.3502, 0.2813



47.6991, 0.3609, 0.2714



45.5946, 0.3894, 0.3247



15.9007, 0.3209, 0.3164



11.0323, 0.4804, 0.2420



0.9379, 0.4536, 0.2272

Inverse Universe

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



47.2455, 0.3502, 0.2813



47.6991, 0.3609, 0.2714



75.6251, 0.2664, 0.3336



15.9007, 0.3209, 0.3164



11.0323, 0.4804, 0.2420



0.9379, 0.4536, 0.2272

Previews

White Background



This preview shows how the Yxy color 47.2433, 0.3502, 0.2813 looks on a white background.

Color Contrast Check

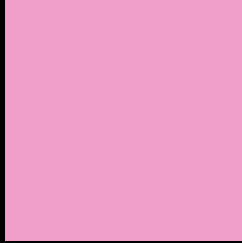
Large Text (above 18pt) WCAG AA × Fail

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 47.2433, 0.3502, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

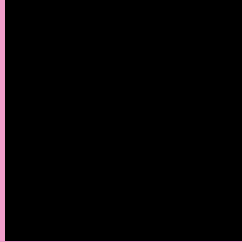
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2433, 0.3502, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 47.2433, 0.3502, 0.2813.



This preview shows how white text looks on a background with the Yxy color 47.2433, 0.3502, 0.2813.

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

47.2433, 0.3502, 0.2813

Protanopia

47.6958, 0.2820, 0.2852

Deuteranopia

47.3873, 0.3105, 0.3042



Tritanopia

47.2941, 0.3722, 0.3157

Trichromacy



Original Color

47.2433, 0.3502, 0.2813



Protanomaly

46.7827, 0.3038, 0.2821



Deuteranomaly

47.0982, 0.3249, 0.2958



Tritanomaly

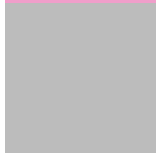
47.1697, 0.3640, 0.3025

Monochromacy



Original Color

47.2433, 0.3502, 0.2813



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.5599, 0.3258, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2433, 0.3502, 0.2813 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(240, 158, 202)` looks like.

```
.text, #text, p{  
    color:rgb(240, 158, 202)  
}
```

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(240, 158, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 158, 202) }
```

Border

The CSS property to change the border of an element to Yxy 47.2433, 0.3502, 0.2813 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(240, 158, 202) }
```

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

```
.border{ border-color:rgb(240, 158, 202) }
```

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

Here you see how a box with a 4 pixel rgb(240, 158, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 158, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 158, 202);  
box-shadow:4px 4px 4px 4px rgb(240, 158,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2433, 0.3502, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 158, 202) }
```

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

```
.background{ background-color: rgb(240,  
158, 202) }
```

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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