

Converting Colors

Yxy(47.4326, 0.3113, 0.2545)

Have a look what the booklet for
Yxy(47.4326, 0.3113, 0.2545)
contains.

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Color

Yxy(47.4011, 0.3110, 0.2544)

Conversions

Conversions Part 1

Format	Color
Hex	E0A2E6
RGB	224, 162, 230
RGB Percent	88%, 64%, 90%
CMY	0.1216, 0.3647, 0.0979
CMYK	0.03, 0.30, 0.00, 0.10
HSL	295°, 58%, 77%
HSV	295°, 30%, 90%
XYZ	57.9471, 47.4011, 80.9769
YIQ	188.2900, 15.1240, 34.2920

Conversions

Conversions Part 2

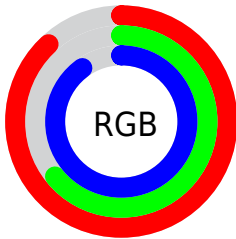
Format	Color
R_{YB}	224, 162, 230
Decimal	14721766
CIE _{Lab}	74.45, 34.12, -25.26
CIE _{LCh}	74, 42.452, 323.483
Yxy	47.4011, 0.3110, 0.2544
Android (android.graphics.Color)	4292911846 (0xFFE0A2E6)
YUV	188.2900, 20.5630, 31.3177
Hunter-Lab	68.8485, 29.7518, -21.5407

Details

The Yxy color $47.4011, 0.3110, 0.2544$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $67.5443, 0.3126, 0.4142$, and the grayscale version is $50.3388, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1057, 0.3145, 0.2920$, and $22.3181, 0.3100, 0.2365$ is the 20% darker color. If you saturate the color by 10%, you get $39.7035, 0.3099, 0.2294$, and if you desaturate by 10%, it is $56.5889, 0.3118, 0.2800$.

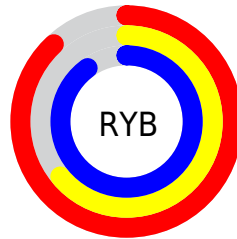
Distribution



Red (88%)

Green (64%)

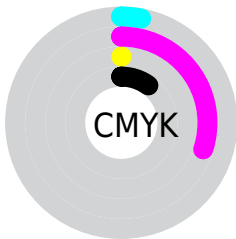
Blue (90%)



Red (88%)

Yellow (64%)

Blue (90%)

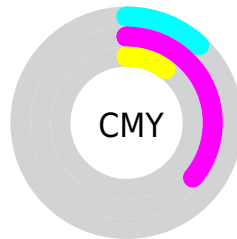


Cyan (3%)

Magenta (30%)

Yellow (0%)

Black (10%)



Cyan (12%)


Magenta (36%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4011, 0.3110, 0.2544 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 47.4011, 0.3110, 0.2544 by changing the saturation by 10% instead.


 47.4011, 0.3110,
0.2544

 47.4011, 0.3110,
0.2544

376.4133, 0.3127,
0.2892

 33.3529, 0.3104,
0.2464


 86.3120, 0.3118,
0.2665

 22.3969, 0.3094,
0.2365


 111.9435, 0.3120,
0.2712

 14.1488, 0.3081,
0.2241


142.2048, 0.3122,
0.2753

 8.2242, 0.3059,
0.2078

177.4804, 0.3124,
0.2788

 4.2388, 0.3022,
0.1860

218.1547, 0.3125,
0.2819

 1.8080, 0.2952,
0.1553

264.6120, 0.3126,

 0.4922, 0.2837,

0.2846

0.1005

317.2367, 0.3126,
0.2871

0.0000, 0.1839,
0.0000

0.0000, 0.0000,
0.0000

47.4011, 0.3110,
0.2544

47.4011, 0.3110,
0.2544

39.7035, 0.3099,
0.2294

56.5889, 0.3118,
0.2800

33.4090, 0.3086,
0.2061

67.3354, 0.3124,
0.3054

28.4311, 0.3069,
0.1853

79.7126, 0.3127,
0.3300

24.6709, 0.3050,
0.1682

93.7858, 0.3129,
0.3533

■ 22.0159, 0.3030,
0.1552

■ 94.7586, 0.3141,
0.3542

■ 20.3324, 0.3008,
0.1467

■ 95.1057, 0.3154,
0.3541

■ 19.4007, 0.2985,
0.1419

■ 95.4567, 0.3167,
0.3540

■ 19.3667, 0.2984,
0.1418

■ 95.8117, 0.3180,
0.3539

■ 96.1708, 0.3192,
0.3538

Harmonies

Analogous

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



47.4011, 0.2568, 0.2378



47.4011, 0.3110, 0.2544



47.4011, 0.3710, 0.2868

Triad

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



47.4011, 0.3110, 0.2544



47.4011, 0.4094, 0.4151



47.4011, 0.2182, 0.3148

Complementary

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



47.4011, 0.3110, 0.2544



67.5443, 0.3126, 0.4142

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.



47.4011, 0.2530, 0.3752



47.4011, 0.3110, 0.2544



47.4011, 0.3630, 0.4363

Square

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



47.4011, 0.3110, 0.2544



47.4011, 0.4303, 0.3750



47.4011, 0.3056, 0.4232



47.4011, 0.2074, 0.2668

Rectangle

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



47.4011, 0.3110, 0.2544



47.4011, 0.4043, 0.3145



47.4011, 0.3056, 0.4232



47.4011, 0.2273, 0.3346

Sweetspot

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



47.4032, 0.3110, 0.2544



85.8381, 0.3124, 0.3068



41.6985, 0.2616, 0.2517



17.9172, 0.3123, 0.3031



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.



47.4032, 0.3110, 0.2544



54.1937, 0.3104, 0.2402



46.9710, 0.3397, 0.2833



14.5470, 0.3124, 0.3057



10.9890, 0.2988, 0.1420



0.8312, 0.3022, 0.1439

Inverse Universe

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



45.4960, 0.3728, 0.3222



51.4840, 0.3892, 0.3209



67.9730, 0.2928, 0.3797



14.3886, 0.3279, 0.3270



9.5611, 0.6299, 0.3244



0.7137, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 47.4011, 0.3110, 0.2544 looks on a white background.

Color Contrast Check

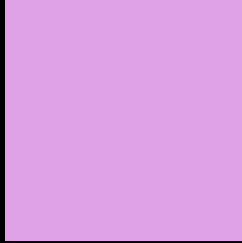
Large Text (above 18pt) WCAG AA × Fail

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 47.4011, 0.3110, 0.2544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

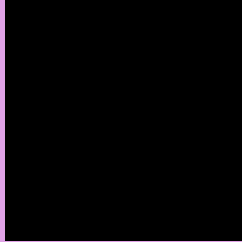
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4011, 0.3110, 0.2544

Background



This preview shows how black text looks on a background with the Yxy color 47.4011, 0.3110, 0.2544.



This preview shows how white text looks on a background with the Yxy color 47.4011, 0.3110, 0.2544.

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

47.4011, 0.3110, 0.2544

Protanopia

47.6864, 0.2577, 0.2530

Deuteranopia

47.7723, 0.2773, 0.2716



Tritanopia

47.4919, 0.3443, 0.3137

Trichromacy



Original Color

47.4011, 0.3110, 0.2544



Protanomaly

47.0689, 0.2748, 0.2526



Deuteranomaly

47.0907, 0.2885, 0.2641



Tritanomaly

47.4380, 0.3315, 0.2909

Monochromacy



Original Color

47.4011, 0.3110, 0.2544



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.9695, 0.3124, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4011, 0.3110, 0.2544 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(224, 162, 230)` looks like.

```
.text, #text, p{  
    color:rgb(224, 162, 230)  
}
```

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(224, 162, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 162, 230) }
```

Border

The CSS property to change the border of an element to Yxy 47.4011, 0.3110, 0.2544 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(224, 162, 230) }
```

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

```
.border{ border-color:rgb(224, 162, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 162, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 162, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 162, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 162,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4011, 0.3110, 0.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 162, 230) }
```

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

```
.background{ background-color: rgb(224,  
162, 230) }
```

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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