

Converting Colors

$Y_{xy}(42.2967, 0.3520, 0.2730)$

Have a look what the booklet for
Yxy(42.2967, 0.3520, 0.2730)
contains.

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Color

Yxy(42.2512, 0.3524, 0.2726)

Conversions

Conversions Part 1

Format	Color
Hex	EB92C5
RGB	235, 146, 197
RGB Percent	92%, 57%, 77%
CMY	0.0785, 0.4274, 0.2273
CMYK	0.00, 0.38, 0.16, 0.08
HSL	326°, 69%, 75%
HSV	326°, 38%, 92%
XYZ	54.6197, 42.2512, 58.1225
YIQ	178.4250, 36.6730, 34.7290

Conversions

Conversions Part 2

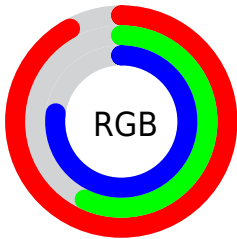
Format	Color
R _Y B	235, 146, 197
Decimal	15438533
CIE Lab	71.04, 40.51, -12.16
CIE LCh	71, 42.292, 343.284
Yxy	42.2512, 0.3524, 0.2726
Android (android.graphics.Color)	4293628613 (0xFFEB92C5)
YUV	178.4250, 9.1575, 49.6163
Hunter-Lab	65.0009, 36.2403, -7.5153

Details

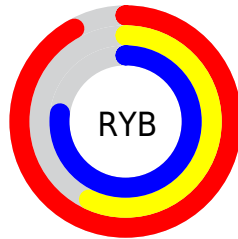
The Yxy color $42.2512, 0.3524, 0.2726$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $68.9835, 0.2866, 0.3938$, and the grayscale version is $44.6955, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.1890, 0.3159, 0.2771$, and $19.2768, 0.3642, 0.2578$ is the 20% darker color. If you saturate the color by 10%, you get $35.2930, 0.3675, 0.2581$, and if you desaturate by 10%, it is $50.7328, 0.3393, 0.2878$.

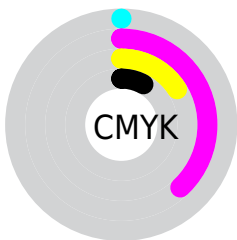
Distribution



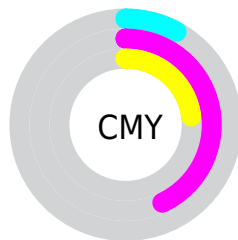
- Red (92%)
- Green (57%)
- Blue (77%)



- Red (92%)
- Yellow (57%)
- Blue (77%)



- Cyan (0%)
- Magenta (38%)
- Yellow (16%)
- Black (8%)




- Cyan (8%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2512, 0.3524, 0.2726 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 42.2512, 0.3524, 0.2726 by changing the saturation by 10% instead.


 42.2512, 0.3524,
0.2726


 42.2512, 0.3524,
0.2726


355.5232, 0.3329,
0.2999

 29.2980, 0.3572,
0.2661


 78.5797, 0.3454,
0.2823

 19.3064, 0.3632,
0.2578

 102.7238, 0.3427,
0.2860

 11.8919, 0.3711,
0.2471


131.3669, 0.3405,
0.2892

 6.6701, 0.3820,
0.2327

164.8936, 0.3385,
0.2919

 3.2567, 0.3976,
0.2123

203.6882, 0.3369,
0.2943

 1.2671, 0.4222,
0.1815

248.1351, 0.3354,

 0.1156, 0.5076,

0.2964

0.0521

298.6186, 0.3341,
0.2983

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.2512, 0.3524,
0.2726

42.2512, 0.3524,
0.2726

35.2930, 0.3675,
0.2581

50.7328, 0.3393,
0.2878

29.7599, 0.3847,
0.2454

60.8165, 0.3283,
0.3031

25.5511, 0.4035,
0.2355

72.5826, 0.3189,
0.3179

22.5502, 0.4235,
0.2297

86.1043, 0.3112,
0.3319

■ 20.6201, 0.4438,
0.2291

■ 95.9059, 0.3049,
0.3368

■ 19.5732, 0.4635,
0.2337

■ 96.4011, 0.3005,
0.3290

■ 19.4038, 0.4677,
0.2350

Harmonies

Analogous

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



42.2512, 0.2902, 0.2443



42.2512, 0.3524, 0.2726



42.2512, 0.4072, 0.3135

Triad

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



42.2512, 0.3524, 0.2726



42.2512, 0.3828, 0.4358



42.2512, 0.2051, 0.2789

Complementary

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



42.2512, 0.3524, 0.2726



68.9835, 0.2866, 0.3938

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.



42.2512, 0.2247, 0.3350



42.2512, 0.3524, 0.2726



42.2512, 0.3256, 0.4360

Square

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



42.2512, 0.3524, 0.2726



42.2512, 0.4235, 0.4049



42.2512, 0.2678, 0.3969



42.2512, 0.2105, 0.2445

Rectangle

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



42.2512, 0.3524, 0.2726



42.2512, 0.4290, 0.3445



42.2512, 0.2678, 0.3969



42.2512, 0.2088, 0.2956

Sweetspot

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



42.2532, 0.3524, 0.2726



82.6441, 0.3217, 0.3133



36.6343, 0.2720, 0.2224



17.2696, 0.3230, 0.3112



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.



42.2532, 0.3524, 0.2726



44.5483, 0.3633, 0.2619



40.5340, 0.3983, 0.3208



15.1989, 0.3203, 0.3156



10.8258, 0.4647, 0.2334



0.8693, 0.4393, 0.2194

Inverse Universe

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



42.2532, 0.3524, 0.2726



44.5483, 0.3633, 0.2619



71.1026, 0.2637, 0.3378



15.1989, 0.3203, 0.3156



10.8258, 0.4647, 0.2334



0.8693, 0.4393, 0.2194

Previews

White Background



This preview shows how the Yxy color 42.2512, 0.3524, 0.2726 looks on a white background.

Color Contrast Check

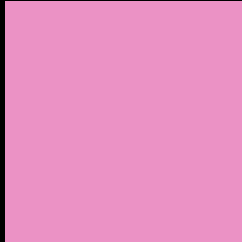
Large Text (above 18pt) WCAG AA × Fail

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 42.2512, 0.3524, 0.2726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

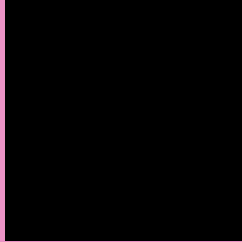
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2512, 0.3524, 0.2726

Background



This preview shows how black text looks on a background with the Yxy color 42.2512, 0.3524, 0.2726.



This preview shows how white text looks on a background with the Yxy color 42.2512, 0.3524, 0.2726.

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

42.2512, 0.3524, 0.2726

Protanopia

42.7928, 0.2742, 0.2746

Deuteranopia

42.6670, 0.3053, 0.2992



Tritanopia

42.1257, 0.3809, 0.3154

Trichromacy



Original Color

42.2512, 0.3524, 0.2726



Protanomaly

41.6956, 0.2993, 0.2730



Deuteranomaly

41.9413, 0.3220, 0.2884



Tritanomaly

42.1031, 0.3700, 0.2995

Monochromacy



Original Color

42.2512, 0.3524, 0.2726



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.9173, 0.3267, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2512, 0.3524, 0.2726 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(235, 146, 197)` looks like.

```
.text, #text, p{  
    color:rgb(235, 146, 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(235, 146, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 146, 197) }
```

Border

The CSS property to change the border of an element to Yxy 42.2512, 0.3524, 0.2726 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(235, 146, 197) }
```

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

```
.border{ border-color:rgb(235, 146, 197) }
```

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

Here you see how a box with a 4 pixel rgb(235, 146, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 146, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 146, 197);  
box-shadow:4px 4px 4px 4px rgb(235, 146,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2512, 0.3524, 0.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 146, 197) }
```

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

```
.background{ background-color: rgb(235,  
146, 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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