

Converting Colors

$Y_{xy}(35.0417, 0.3890, 0.2861)$

Have a look what the booklet for
Yxy(35.0417, 0.3890, 0.2861)
contains.

Yxy(35.0512, 0.3889, 0.2860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.0512, 0.3889, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	E87FA5
RGB	232, 127, 165
RGB Percent	91%, 50%, 65%
CMY	0.0901, 0.5020, 0.3530
CMYK	0.00, 0.45, 0.29, 0.09
HSL	338°, 70%, 70%
HSV	338°, 45%, 91%
XYZ	47.6623, 35.0512, 39.8432
YIQ	162.7270, 50.3820, 34.0780

Conversions

Conversions Part 2

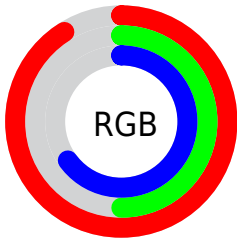
Format	Color
R_{YB}	232, 127, 165
Decimal	15237029
CIE _{Lab}	65.79, 44.70, -2.04
CIE _{LCh}	66, 44.746, 357.390
Yxy	35.0512, 0.3889, 0.2860
Android (android.graphics.Color)	4293427109 (0xFFE87FA5)
YUV	162.7270, 1.1206, 60.7524
Hunter-Lab	59.2041, 40.0945, 1.5418

Details

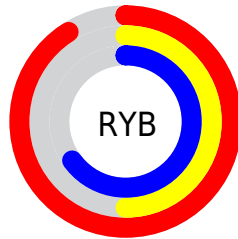
The Yxy color **35.0512, 0.3889, 0.2860** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66.1306, 0.2709, 0.3783**, and the grayscale version is **36.4677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8832, 0.3436, 0.2903**, and **15.0885, 0.4138, 0.2728** is the 20% darker color. If you saturate the color by 10%, you get **29.2260, 0.4156, 0.2778**, and if you desaturate by 10%, it is **42.3220, 0.3661, 0.2955**.

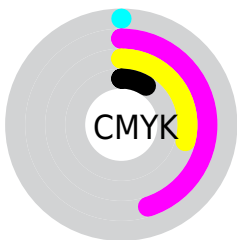
Distribution



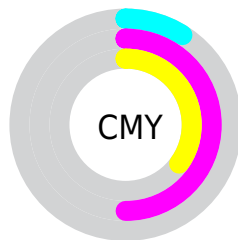
- Red (91%)
- Green (50%)
- Blue (65%)



- Red (91%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (45%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0512, 0.3889, 0.2860 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 35.0512, 0.3889, 0.2860 by changing the saturation by 10% instead.


 35.0512, 0.3889,
0.2860


 35.0512, 0.3889,
0.2860


324.7943, 0.3493,
0.3082

 23.7023, 0.3993,
0.2803


 67.5651, 0.3741,
0.2942

 15.1129, 0.4129,
0.2728


 89.4989, 0.3687,
0.2973

 8.8987, 0.4315,
0.2626


 115.7297, 0.3641,
0.2998

 4.6752, 0.4584,
0.2480

146.6421, 0.3603,
0.3020

 2.0580, 0.5003,
0.2256

182.6203, 0.3569,
0.3039

 0.6408, 0.5776,
0.1828

224.0488, 0.3540,


 0.0000, 1.0000,


0.3055


0.0000


271.3120, 0.3515,
0.3069

 0.0000, 0.0000,
0.0000


 35.0512, 0.3889,
0.2860

 35.0512, 0.3889,
0.2860


 29.2260, 0.4156,
0.2778


 42.3220, 0.3661,
0.2955

 24.7430, 0.4459,
0.2718


 51.1222, 0.3471,
0.3053

 21.4935, 0.4788,
0.2695

 61.5350, 0.3314,
0.3151

 19.3489, 0.5121,
0.2718

 73.6364, 0.3185,
0.3243

 18.1519, 0.5432,
0.2794

 87.4975, 0.3080,
0.3330

■ 17.7974, 0.5568,
0.2841

■ 95.8240, 0.2994,
0.3301

■ 95.8985, 0.2988,
0.3290

Harmonies

Analogous

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



35.0512, 0.3193, 0.2477



35.0512, 0.3889, 0.2860



35.0512, 0.4383, 0.3347

Triad

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



35.0512, 0.3889, 0.2860



35.0512, 0.3612, 0.4552



35.0512, 0.1929, 0.2510

Complementary

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



35.0512, 0.3889, 0.2860



66.1306, 0.2709, 0.3783

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.



35.0512, 0.2010, 0.3028



35.0512, 0.3889, 0.2860



35.0512, 0.2947, 0.4353

Square

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



35.0512, 0.3889, 0.2860



35.0512, 0.4179, 0.4322



35.0512, 0.2366, 0.3738



35.0512, 0.2113, 0.2262

Rectangle

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



35.0512, 0.3889, 0.2860



35.0512, 0.4496, 0.3694



35.0512, 0.2366, 0.3738



35.0512, 0.1926, 0.2653

Sweetspot

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



35.0529, 0.3889, 0.2860



77.9180, 0.3297, 0.3162



32.4100, 0.2821, 0.2065



16.0298, 0.3328, 0.3141



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.



35.0529, 0.3889, 0.2860



36.8466, 0.4128, 0.2785



37.7408, 0.4268, 0.3453



14.4537, 0.3236, 0.3205



9.9009, 0.5525, 0.2818



0.7490, 0.5123, 0.2596

Inverse Universe

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



35.0529, 0.3889, 0.2860



36.8466, 0.4128, 0.2785



60.4890, 0.2490, 0.3112



14.4537, 0.3236, 0.3205



9.9009, 0.5525, 0.2818



0.7490, 0.5123, 0.2596

Previews

White Background



This preview shows how the Yxy color 35.0512, 0.3889, 0.2860 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 35.0512, 0.3889, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

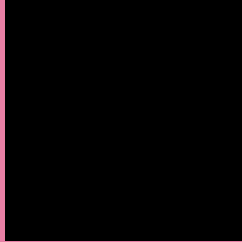
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0512, 0.3889, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 35.0512, 0.3889, 0.2860.



This preview shows how white text looks on a background with the Yxy color 35.0512, 0.3889, 0.2860.

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

35.0512, 0.3889, 0.2860

Protanopia

35.3670, 0.2879, 0.2920

Deuteranopia

35.2109, 0.3290, 0.3220



Tritanopia

34.9787, 0.4138, 0.3177

Trichromacy



Original Color

35.0512, 0.3889, 0.2860

Protanomaly

34.2721, 0.3207, 0.2874

Deuteranomaly

34.5952, 0.3494, 0.3067

Tritanomaly

35.1562, 0.4046, 0.3063

Monochromacy



Original Color

35.0512, 0.3889, 0.2860

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.1844, 0.3381, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0512, 0.3889, 0.2860 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(232, 127, 165)` looks like.

```
.text, #text, p{  
    color:rgb(232, 127, 165)  
}
```

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(232, 127, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 127, 165) }
```

Border

The CSS property to change the border of an element to Yxy 35.0512, 0.3889, 0.2860 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(232, 127, 165) }
```

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

```
.border{ border-color:rgb(232, 127, 165) }
```

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

Here you see how a box with a 4 pixel rgb(232, 127, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 127, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 127, 165);  
box-shadow:4px 4px 4px 4px rgb(232, 127,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0512, 0.3889, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 127, 165) }
```

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

```
.background{ background-color: rgb(232,  
127, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor