

Converting Colors

$Y_{xy}(36.6634, 0.3569, 0.2547)$

Have a look what the booklet for
Yxy(36.6634, 0.3569, 0.2547)
contains.

Yxy(36.6113, 0.3568, 0.2543)	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(36.6113, 0.3568, 0.2543)

Conversions

Conversions Part 1

Format	Color
Hex	EA7FC3
RGB	234, 127, 195
RGB Percent	92%, 50%, 76%
CMY	0.0824, 0.5019, 0.2353
CMYK	0.00, 0.46, 0.17, 0.08
HSL	322°, 72%, 71%
HSV	322°, 46%, 92%
XYZ	51.3681, 36.6113, 55.9895
YIQ	166.7450, 41.9440, 43.8320

Conversions

Conversions Part 2

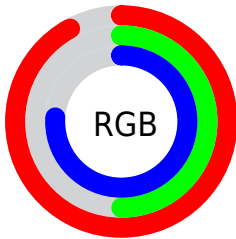
Format	Color
R_{YB}	234, 127, 195
Decimal	15368131
CIE _{Lab}	66.98, 49.58, -17.15
CIE _{LCh}	67, 52.468, 340.917
Yxy	36.6113, 0.3568, 0.2543
Android (android.graphics.Color)	4293558211 (0xFFEA7FC3)
YUV	166.7450, 13.9297, 58.9826
Hunter-Lab	60.5073, 45.6512, -12.5080

Details

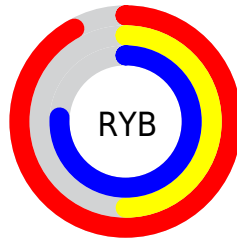
The Yxy color **36.6113, 0.3568, 0.2543** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.1046, 0.2859, 0.4194**, and the grayscale version is **38.4307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7442, 0.3183, 0.2602**, and **16.0508, 0.3690, 0.2354** is the 20% darker color. If you saturate the color by 10%, you get **30.8791, 0.3708, 0.2398**, and if you desaturate by 10%, it is **43.7722, 0.3444, 0.2704**.

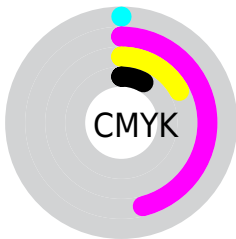
Distribution



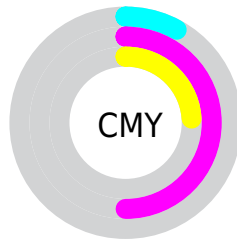
- Red (92%)
- Green (50%)
- Blue (76%)



- Red (92%)
- Yellow (50%)
- Blue (76%)



- Cyan (0%)
- Magenta (46%)
- Yellow (17%)
- Black (8%)





- Cyan (8%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.6113, 0.3568, 0.2543 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 36.6113, 0.3568, 0.2543 by changing the saturation by 10% instead.


 36.6113, 0.3568,
0.2543


 36.6113, 0.3568,
0.2543


331.6246, 0.3351,
0.2906


 24.9067, 0.3621,
0.2456


 69.9746, 0.3490,
0.2673

 16.0075, 0.3688,
0.2346


 92.4020, 0.3460,
0.2722

 9.5295, 0.3776,
0.2203


 119.1725, 0.3435,
0.2764

 5.0881, 0.3896,
0.2012

150.6704, 0.3414,
0.2800

 2.2991, 0.4068,
0.1744

187.2802, 0.3395,
0.2832

 0.7732, 0.4334,
0.1342

229.3862, 0.3379,


 0.0000, 0.5169,


0.2860


0.0000

277.3729, 0.3364,
0.2884

 0.0000, 0.0000,
0.0000


 36.6113, 0.3568,
0.2543


 36.6113, 0.3568,
0.2543


 30.8791, 0.3708,
0.2398


 43.7722, 0.3444,
0.2704

 26.4717, 0.3861,
0.2279

 52.4462, 0.3336,
0.2872

 23.2789, 0.4023,
0.2199


 62.7170, 0.3244,
0.3039


 21.1708, 0.4188,
0.2167


 74.6607, 0.3166,
0.3201


 19.9867, 0.4350,
0.2188

 88.3486, 0.3101,
0.3355

 19.6510, 0.4418,
0.2208

 95.6743, 0.3048,
0.3378

 96.2106, 0.3001,
0.3293

 96.2302, 0.2999,
0.3290

Harmonies

Analogous

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



36.6113, 0.2769, 0.2213



36.6113, 0.3568, 0.2543



36.6113, 0.4312, 0.3030

Triad

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



36.6113, 0.3568, 0.2543



36.6113, 0.4046, 0.4632



36.6113, 0.1784, 0.2670

Complementary

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



36.6113, 0.3568, 0.2543



66.1046, 0.2859, 0.4194

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.



36.6113, 0.2036, 0.3415



36.6113, 0.3568, 0.2543



36.6113, 0.3322, 0.4732

Square

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



36.6113, 0.3568, 0.2543



36.6113, 0.4562, 0.4171



36.6113, 0.2585, 0.4256



36.6113, 0.1831, 0.2233

Rectangle

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



36.6113, 0.3568, 0.2543



36.6113, 0.4616, 0.3403



36.6113, 0.2585, 0.4256



36.6113, 0.1834, 0.2888

Sweetspot

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



36.6130, 0.3568, 0.2543



78.4899, 0.3230, 0.3067



29.0634, 0.2551, 0.1959



16.1689, 0.3248, 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.



36.6130, 0.3568, 0.2543



37.8187, 0.3701, 0.2404



34.6578, 0.4173, 0.3111



15.2152, 0.3194, 0.3141



11.0692, 0.4394, 0.2194



0.8876, 0.4187, 0.2080

Inverse Universe

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



36.6130, 0.3568, 0.2543



37.8187, 0.3701, 0.2404



68.4103, 0.2592, 0.3489



15.2152, 0.3194, 0.3141



11.0692, 0.4394, 0.2194



0.8876, 0.4187, 0.2080

Previews

White Background



This preview shows how the Yxy color 36.6113, 0.3568, 0.2543 looks on a white background.

Color Contrast Check

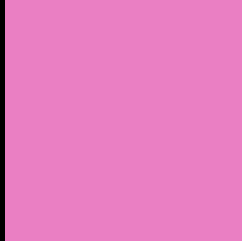
Large Text (above 18pt) WCAG AA × Fail

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 36.6113, 0.3568, 0.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

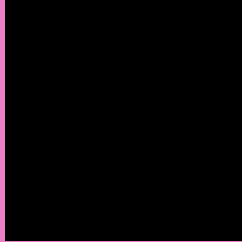
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6113, 0.3568, 0.2543

Background



This preview shows how black text looks on a background with the Yxy color 36.6113, 0.3568, 0.2543.



This preview shows how white text looks on a background with the Yxy color 36.6113, 0.3568, 0.2543.

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

36.6113, 0.3568, 0.2543

Protanopia

36.8073, 0.2564, 0.2512

Deuteranopia

36.6859, 0.2944, 0.2878



Tritanopia

36.6559, 0.4031, 0.3176

Trichromacy



Original Color

36.6113, 0.3568, 0.2543



Protanomaly

35.7317, 0.2877, 0.2509



Deuteranomaly

35.7054, 0.3154, 0.2725



Tritanomaly

36.4443, 0.3871, 0.2936

Monochromacy



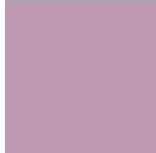
Original Color

36.6113, 0.3568, 0.2543



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

36.7072, 0.3281, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6113, 0.3568, 0.2543 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(234, 127, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 127, 195)  
}
```

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(234, 127, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 127, 195) }
```

Border

The CSS property to change the border of an element to Yxy 36.6113, 0.3568, 0.2543 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(234, 127, 195) }
```

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

```
.border{ border-color:rgb(234, 127, 195) }
```

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

Here you see how a box with a 4 pixel rgb(234, 127, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 127, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 127, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 127,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6113, 0.3568, 0.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 127, 195) }
```

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

```
.background{ background-color: rgb(234,  
127, 195) }
```

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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