

Converting Colors

Yxy(37.4392, 0.3211, 0.2184)

Have a look what the booklet for
Yxy(37.4392, 0.3211, 0.2184)
contains.

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Color

Yxy(37.4521, 0.3208, 0.2181)

Conversions

Conversions Part 1

Format	Color
Hex	E97CE6
RGB	233, 124, 230
RGB Percent	91%, 49%, 90%
CMY	0.0864, 0.5136, 0.0981
CMYK	0.00, 0.47, 0.01, 0.09
HSL	302°, 71%, 70%
HSV	302°, 47%, 91%
XYZ	55.0877, 37.4521, 79.1800
YIQ	168.6750, 30.9380, 56.0740

Conversions

Conversions Part 2

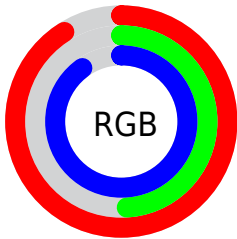
Format	Color
R _Y B	233, 124, 230
Decimal	15301862
CIE _{Lab}	67.61, 56.47, -35.69
CIE _{LCh}	68, 66.801, 327.707
Yxy	37.4521, 0.3208, 0.2181
Android (android.graphics.Color)	4293491942 (0xFFE97CE6)
YUV	168.6750, 30.2332, 56.4130
Hunter-Lab	61.1981, 53.5808, -33.8726

Details

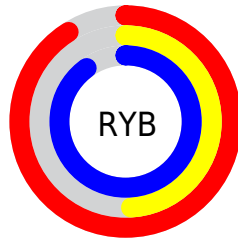
The Yxy color **37.4521, 0.3208, 0.2181** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64.0846, 0.3043, 0.4725**, and the grayscale version is **39.3467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1225, 0.3162, 0.2556**, and **16.4262, 0.3205, 0.1918** is the 20% darker color. If you saturate the color by 10%, you get **32.2509, 0.3225, 0.1984**, and if you desaturate by 10%, it is **44.0361, 0.3190, 0.2403**.

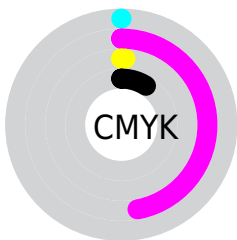
Distribution



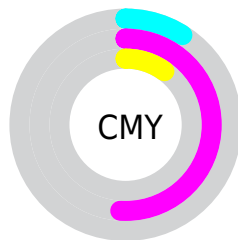
- Red (91%)
- Green (49%)
- Blue (90%)



- Red (91%)
- Yellow (49%)
- Blue (90%)



- Cyan (0%)
- Magenta (47%)
- Yellow (1%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4521, 0.3208, 0.2181 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 37.4521, 0.3208, 0.2181 by changing the saturation by 10% instead.


 37.4521, 0.3208,
0.2181


 37.4521, 0.3208,
0.2181


335.2637, 0.3188,
0.2696


 25.5577, 0.3208,
0.2065


 71.2676, 0.3205,
0.2359

 16.4931, 0.3204,
0.1922


 93.9575, 0.3202,
0.2429

 9.8737, 0.3196,
0.1745


 121.0146, 0.3200,
0.2489

 5.3153, 0.3176,
0.1519

152.8235, 0.3197,
0.2541

 2.4334, 0.3132,
0.1228

189.7685, 0.3195,
0.2587

 0.8430, 0.3036,
0.0849

232.2339, 0.3192,

 0.0000, 0.2918,

0.2627

0.0000

280.6042, 0.3190,
0.2664

0.0000, 0.0699,
0.0000

0.0000, 0.0000,
0.0000

37.4521, 0.3208,
0.2181

37.4521, 0.3208,
0.2181

32.2509, 0.3225,
0.1984

44.0361, 0.3190,
0.2403

28.3288, 0.3241,
0.1822


52.0868, 0.3172,
0.2641

25.5758, 0.3255,
0.1701

61.6875, 0.3154,
0.2886

23.8611, 0.3267,
0.1624

72.9138, 0.3138,
0.3129


 23.0181, 0.3277,
0.1587


 85.8362, 0.3122,
0.3365

 22.8431, 0.3280,
0.1580

 94.7702, 0.3112,
0.3503

 94.8069, 0.3108,
0.3497

 94.8438, 0.3105,
0.3490

 94.8809, 0.3101,
0.3484

Harmonies

Analogous

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



37.4521, 0.2310, 0.1897



37.4521, 0.3208, 0.2181



37.4521, 0.4239, 0.2679

Triad

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



37.4521, 0.3208, 0.2181



37.4521, 0.4540, 0.4672



37.4521, 0.1582, 0.2849

Complementary

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



37.4521, 0.3208, 0.2181



64.0846, 0.3043, 0.4725

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.



37.4521, 0.2021, 0.3932



37.4521, 0.3208, 0.2181



37.4521, 0.3722, 0.5132

Square

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



37.4521, 0.3208, 0.2181



37.4521, 0.5033, 0.3989



37.4521, 0.2803, 0.4917



37.4521, 0.1501, 0.2160

Rectangle

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



37.4521, 0.3208, 0.2181



37.4521, 0.4780, 0.3088



37.4521, 0.2803, 0.4917



37.4521, 0.1686, 0.3177

Sweetspot

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



37.4538, 0.3208, 0.2181



79.2368, 0.3150, 0.2952



24.7268, 0.2251, 0.1825



16.3524, 0.3154, 0.2899



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.



37.4538, 0.3208, 0.2181



39.8628, 0.3224, 0.1993



34.9030, 0.3770, 0.2701



15.3062, 0.3142, 0.3064



12.9677, 0.3279, 0.1580



1.0205, 0.3268, 0.1574

Inverse Universe

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



37.4538, 0.3208, 0.2181



39.8628, 0.3224, 0.1993



65.8601, 0.2767, 0.3986



15.3062, 0.3142, 0.3064



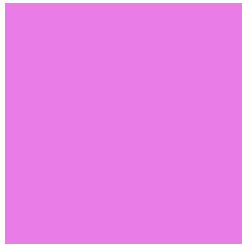
12.9677, 0.3279, 0.1580



1.0205, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 37.4521, 0.3208, 0.2181 looks on a white background.

Color Contrast Check

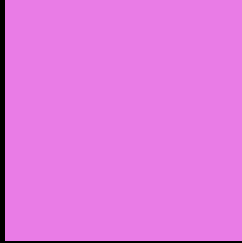
Large Text (above 18pt) WCAG AA × Fail

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 37.4521, 0.3208, 0.2181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

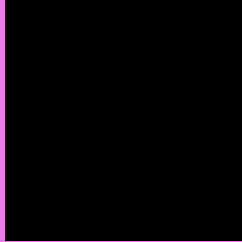
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4521, 0.3208, 0.2181

Background



This preview shows how black text looks on a background with the Yxy color 37.4521, 0.3208, 0.2181.

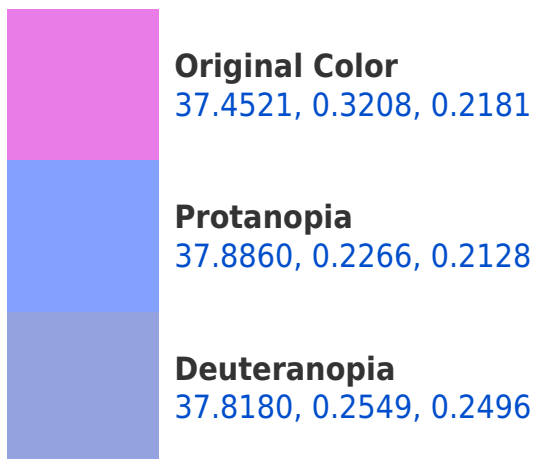


This preview shows how white text looks on a background with the Yxy color 37.4521, 0.3208, 0.2181.

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





Tritanopia

37.3339, 0.3882, 0.3161

Trichromacy



Original Color

37.4521, 0.3208, 0.2181



Protanomaly

36.1585, 0.2530, 0.2109



Deuteranomaly

36.5696, 0.2754, 0.2339



Tritanomaly

36.9950, 0.3634, 0.2761

Monochromacy



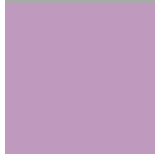
Original Color

37.4521, 0.3208, 0.2181



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

37.7505, 0.3160, 0.2804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4521, 0.3208, 0.2181 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(233, 124, 230)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 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(233, 124, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 230) }
```

Border

The CSS property to change the border of an element to Yxy 37.4521, 0.3208, 0.2181 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(233, 124, 230) }
```

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

```
.border{ border-color:rgb(233, 124, 230) }
```

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

Here you see how a box with a 4 pixel rgb(233, 124, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 124, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 124, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 124,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4521, 0.3208, 0.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 124, 230) }
```

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

```
.background{ background-color: rgb(233,  
124, 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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