

Converting Colors

Yxy(36.3431, 0.3225, 0.1866)

Have a look what the booklet for
Yxy(36.3431, 0.3225, 0.1866)
contains.

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Color

Yxy(36.2937, 0.3223, 0.1862)

Conversions

Conversions Part 1

Format	Color
Hex	FF5EFC
RGB	255, 94, 252
RGB Percent	100%, 37%, 99%
CMY	0.0000, 0.6315, 0.0117
CMYK	0.00, 0.63, 0.01, 0.00
HSL	301°, 100%, 68%
HSV	301°, 63%, 100%
XYZ	62.8220, 36.2937, 95.8021
YIQ	160.1510, 45.2380, 83.2700

Conversions

Conversions Part 2

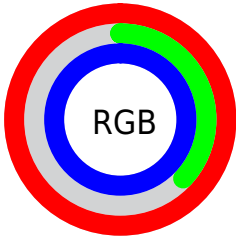
Format	Color
R _Y B	255, 94, 252
Decimal	16735996
CIE _{Lab}	66.74, 78.89, -48.99
CIE _{LCh}	67, 92.858, 328.161
Yxy	36.2937, 0.3223, 0.1862
Android (android.graphics.Color)	4294926076 (0xFFFF5EFC)
YUV	160.1510, 45.2816, 83.1826
Hunter-Lab	60.2443, 80.7103, -52.1137

Details

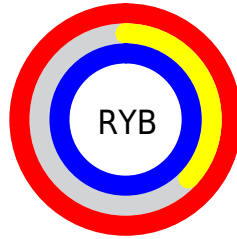
The Yxy color **36.2937, 0.3223, 0.1862** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **74.7607, 0.3021, 0.5311**, and the grayscale version is **34.9923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5912, 0.3173, 0.2311**, and **15.8839, 0.3208, 0.1567** is the 20% darker color. If you saturate the color by 10%, you get **32.4514, 0.3235, 0.1726**, and if you desaturate by 10%, it is **41.6265, 0.3209, 0.2038**.

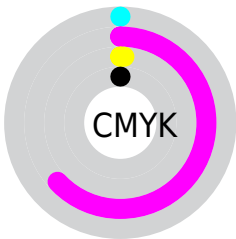
Distribution



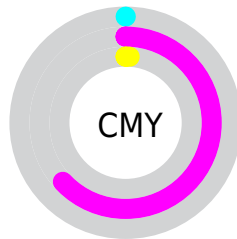
- Red (100%)
- Green (37%)
- Blue (99%)



- Red (100%)
- Yellow (37%)
- Blue (99%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (0%)




- Cyan (0%)
- Magenta (63%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2937, 0.3223, 0.1862 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 36.2937, 0.3223, 0.1862 by changing the saturation by 10% instead.


 36.2937, 0.3223,
0.1862


 36.2937, 0.3223,
0.1862


330.2424, 0.3210,
0.2497


 24.6611, 0.3218,
0.1727


 69.4851, 0.3225,
0.2075


 15.8248, 0.3207,
0.1566

 91.8128, 0.3224,
0.2160

 9.4002, 0.3187,
0.1372


 118.4742, 0.3222,
0.2234

 5.0031, 0.3149,
0.1137

 149.8539, 0.3220,
0.2300

 2.2491, 0.3079,
0.0855

186.3361, 0.3218,
0.2357

 0.7466, 0.2946,
0.0522

228.3054, 0.3215,

 0.0000, 0.2726,

0.2409

0.0000

276.1460, 0.3213,
0.2455

■ 0.0000, 0.2011,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.2937, 0.3223,
0.1862

■ 36.2937, 0.3223,
0.1862

■ 32.4514, 0.3235,
0.1726

■ 41.6265, 0.3209,
0.2038

■ 29.9555, 0.3245,
0.1633


■ 48.5928, 0.3194,
0.2246

■ 28.6155, 0.3253,
0.1583

■ 57.3077, 0.3178,
0.2478

■ 28.1793, 0.3257,
0.1568

■ 67.8787, 0.3162,
0.2722

 80.4046, 0.3146,
0.2970

 94.9772, 0.3132,
0.3215

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



36.2937, 0.2042, 0.1517



36.2937, 0.3223, 0.1862



36.2937, 0.4685, 0.2463

Triad

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



36.2937, 0.3223, 0.1862



36.2937, 0.4822, 0.4948



36.2937, 0.1124, 0.2586

Complementary

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



36.2937, 0.3223, 0.1862



74.7607, 0.3021, 0.5311

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.



36.2937, 0.1599, 0.4155



36.2937, 0.3223, 0.1862



36.2937, 0.3717, 0.5795

Square

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



36.2937, 0.3223, 0.1862



36.2937, 0.5603, 0.4007



36.2937, 0.2555, 0.5691



36.2937, 0.1073, 0.1758

Rectangle

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



36.2937, 0.3223, 0.1862



36.2937, 0.5432, 0.2944



36.2937, 0.2555, 0.5691



36.2937, 0.1228, 0.3030

Sweetspot

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



36.2904, 0.3223, 0.1862



72.8302, 0.3156, 0.2825



17.7439, 0.1907, 0.1256



14.8498, 0.3160, 0.2754



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.



36.2904, 0.3223, 0.1862



31.6097, 0.3238, 0.1695



32.2322, 0.4138, 0.2532



18.2942, 0.3141, 0.3060



14.7269, 0.3256, 0.1567



1.4357, 0.3250, 0.1564

Inverse Universe

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



36.2904, 0.3223, 0.1862



31.6097, 0.3238, 0.1695



77.0796, 0.2693, 0.4296



18.2942, 0.3141, 0.3060



14.7269, 0.3256, 0.1567



1.4357, 0.3250, 0.1564

Previews

White Background



This preview shows how the Yxy color 36.2937, 0.3223, 0.1862 looks on a white background.

Color Contrast Check

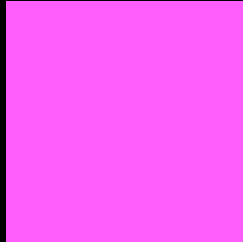
Large Text (above 18pt) WCAG AA × Fail

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 36.2937, 0.3223, 0.1862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

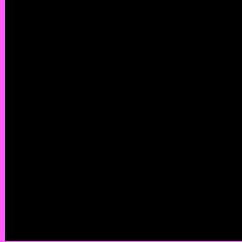
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2937, 0.3223, 0.1862

Background



This preview shows how black text looks on a background with the Yxy color 36.2937, 0.3223, 0.1862.



This preview shows how white text looks on a background with the Yxy color 36.2937, 0.3223, 0.1862.

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

36.2937, 0.3223, 0.1862

Protanopia

36.7216, 0.2227, 0.2093

Deuteranopia

36.4298, 0.2313, 0.2246



Tritanopia

36.1217, 0.4322, 0.3196

Trichromacy



Original Color

36.2937, 0.3223, 0.1862



Protanomaly

33.5347, 0.2495, 0.1914



Deuteranomaly

33.4826, 0.2569, 0.2005



Tritanomaly

35.5196, 0.3907, 0.2631

Monochromacy



Original Color

36.2937, 0.3223, 0.1862



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

33.0607, 0.3181, 0.2569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2937, 0.3223, 0.1862 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(255, 94, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 252)  
}
```

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(255, 94, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 252) }
```

Border

The CSS property to change the border of an element to Yxy 36.2937, 0.3223, 0.1862 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(255, 94, 252) }
```

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

```
.border{ border-color:rgb(255, 94, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2937, 0.3223, 0.1862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 252) }
```

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

```
.background{ background-color: rgb(255, 94,  
252) }
```

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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