

Converting Colors

Yxy(43.6327, 0.3300, 0.2209)

Have a look what the booklet for
Yxy(43.6327, 0.3300, 0.2209)
contains.

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Color

Yxy(43.6361, 0.3298, 0.2205)

Conversions

Conversions Part 1

Format	Color
Hex	FF82F2
RGB	255, 130, 242
RGB Percent	100%, 51%, 95%
CMY	0.0000, 0.4903, 0.0509
CMYK	0.00, 0.49, 0.05, 0.00
HSL	306°, 100%, 75%
HSV	306°, 49%, 100%
XYZ	65.2661, 43.6361, 88.9939
YIQ	180.1430, 38.5480, 61.3320

Conversions

Conversions Part 2

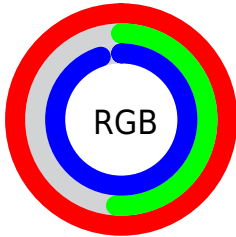
Format	Color
R _Y B	255, 130, 242
Decimal	16745202
CIE _{Lab}	71.98, 61.87, -35.30
CIE _{LCh}	72, 71.233, 330.296
Yxy	43.6361, 0.3298, 0.2205
Android (android.graphics.Color)	4294935282 (0xFFFF82F2)
YUV	180.1430, 30.4955, 65.6496
Hunter-Lab	66.0576, 60.7604, -33.6361

Details

The Yxy color **43.6361, 0.3298, 0.2205** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.2448, 0.2996, 0.4697**, and the grayscale version is **45.5282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0206, 0.3158, 0.2624**, and **20.1785, 0.3315, 0.1963** is the 20% darker color. If you saturate the color by 10%, you get **37.5076, 0.3339, 0.2024**, and if you desaturate by 10%, it is **51.4292, 0.3257, 0.2411**.

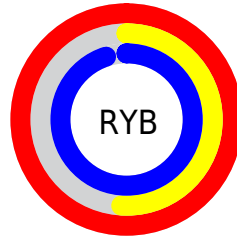
Distribution



Red (100%)

Green (51%)

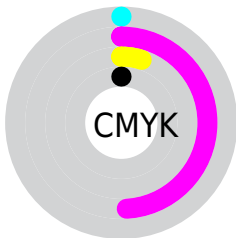
Blue (95%)



Red (100%)

Yellow (51%)

Blue (95%)

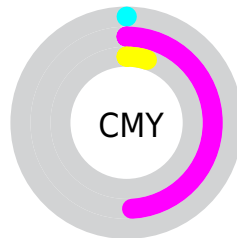


Cyan (0%)

Magenta (49%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6361, 0.3298, 0.2205 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 43.6361, 0.3298, 0.2205 by changing the saturation by 10% instead.


 43.6361, 0.3298,
0.2205


 43.6361, 0.3298,
0.2205

361.2212, 0.3234,
0.2696


 30.3845, 0.3309,
0.2097


 80.6699, 0.3279,
0.2372

 20.1306, 0.3319,
0.1966


 105.2209, 0.3271,
0.2438

 12.4900, 0.3330,
0.1804

 134.3071, 0.3263,
0.2496

 7.0783, 0.3337,
0.1601

168.3131, 0.3256,
0.2546

 3.5111, 0.3335,
0.1341

207.6230, 0.3250,
0.2590

 1.4041, 0.3310,
0.1006

252.6215, 0.3244,

 0.2197, 0.3297,

0.2629

0.0352

303.6927, 0.3239,
0.2665

■ 0.0000, 0.2933,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6361, 0.3298,
0.2205

■ 43.6361, 0.3298,
0.2205

■ 37.5076, 0.3339,
0.2024

■ 51.4292, 0.3257,
0.2411

■ 32.9443, 0.3380,
0.1879

■ 61.0276, 0.3219,
0.2634

■ 29.7928, 0.3420,
0.1775

■ 72.5259, 0.3184,
0.2863

■ 27.8816, 0.3458,
0.1717

■ 86.0199, 0.3153,
0.3090

■ 26.9574, 0.3492,
0.1700

100.0000, 0.3127,
0.3290

■ 26.8896, 0.3495,
0.1699

Harmonies

Analogous

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



43.6361, 0.2366, 0.1898



43.6361, 0.3298, 0.2205



43.6361, 0.4336, 0.2722

Triad

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



43.6361, 0.3298, 0.2205



43.6361, 0.4491, 0.4739



43.6361, 0.1544, 0.2763

Complementary

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



43.6361, 0.3298, 0.2205



78.2448, 0.2996, 0.4697

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.



43.6361, 0.1954, 0.3837



43.6361, 0.3298, 0.2205



43.6361, 0.3646, 0.5171

Square

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



43.6361, 0.3298, 0.2205



43.6361, 0.5031, 0.4053



43.6361, 0.2719, 0.4881



43.6361, 0.1493, 0.2106

Rectangle

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



43.6361, 0.3298, 0.2205



43.6361, 0.4855, 0.3139



43.6361, 0.2719, 0.4881



43.6361, 0.1638, 0.3083

Sweetspot

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



43.6271, 0.3297, 0.2205



77.7236, 0.3171, 0.2955



28.9680, 0.2266, 0.1761



16.0459, 0.3178, 0.2907



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.



43.6271, 0.3297, 0.2205



37.5255, 0.3339, 0.2025



40.5101, 0.3937, 0.2776



18.2659, 0.3154, 0.3080



14.0636, 0.3490, 0.1696



1.3783, 0.3454, 0.1676

Inverse Universe

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



43.6271, 0.3297, 0.2205



37.5255, 0.3339, 0.2025



80.6701, 0.2704, 0.3897



18.2659, 0.3154, 0.3080



14.0636, 0.3490, 0.1696



1.3783, 0.3454, 0.1676

Previews

White Background



This preview shows how the Yxy color 43.6361, 0.3298, 0.2205 looks on a white background.

Color Contrast Check

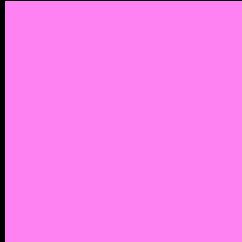
Large Text (above 18pt) WCAG AA × Fail

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 43.6361, 0.3298, 0.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

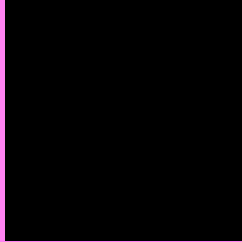
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6361, 0.3298, 0.2205

Background



This preview shows how black text looks on a background with the Yxy color 43.6361, 0.3298, 0.2205.

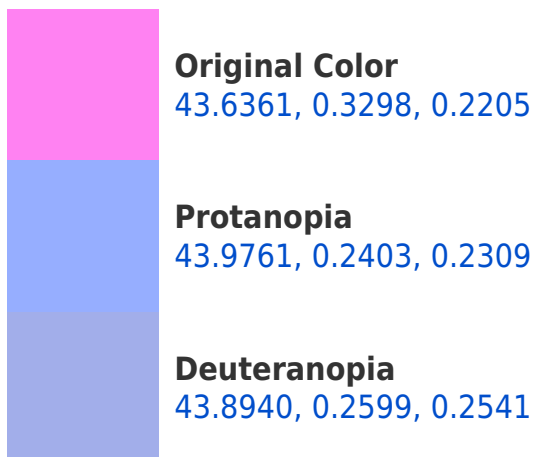


This preview shows how white text looks on a background with the Yxy color 43.6361, 0.3298, 0.2205.

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

43.4454, 0.3998, 0.3172

Trichromacy



Original Color

43.6361, 0.3298, 0.2205



Protanomaly

42.0472, 0.2669, 0.2234



Deuteranomaly

42.3039, 0.2821, 0.2374



Tritanomaly

43.2034, 0.3739, 0.2783

Monochromacy



Original Color

43.6361, 0.3298, 0.2205



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.4179, 0.3187, 0.2799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6361, 0.3298, 0.2205 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, 130, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 242)  
}
```

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, 130, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 242) }
```

Border

The CSS property to change the border of an element to Yxy 43.6361, 0.3298, 0.2205 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, 130, 242) }
```

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

```
.border{ border-color:rgb(255, 130, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 130, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6361, 0.3298, 0.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 242) }
```

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

```
.background{ background-color: rgb(255,  
130, 242) }
```

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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