

Converting Colors

$Yxy(43.7456, 0.3188, 0.2267)$

Have a look what the booklet for
Yxy(43.7456, 0.3188, 0.2267)
contains.

Yxy(43.9247, 0.3193, 0.2272)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9247, 0.3193, 0.2272)

Conversions

Conversions Part 1

Format	Color
Hex	F28CF0
RGB	242, 140, 240
RGB Percent	95%, 55%, 94%
CMY	0.0509, 0.4510, 0.0588
CMYK	0.00, 0.42, 0.01, 0.05
HSL	301°, 80%, 75%
HSV	301°, 42%, 95%
XYZ	61.7304, 43.9247, 87.6754
YIQ	181.8980, 28.6920, 52.7240

Conversions

Conversions Part 2

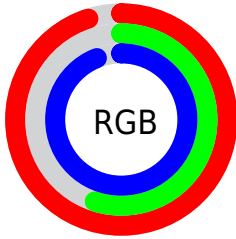
Format	Color
R _Y B	242, 140, 240
Decimal	15895792
CIE Lab	72.18, 52.92, -34.04
CIE LCh	72, 62.924, 327.255
Yxy	43.9247, 0.3193, 0.2272
Android (android.graphics.Color)	4294085872 (0xFFFF28CF0)
YUV	181.8980, 28.6443, 52.7095
Hunter-Lab	66.2757, 50.2758, -32.0411

Details

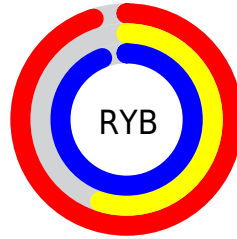
The Yxy color $43.9247, 0.3193, 0.2272$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $71.0428, 0.3056, 0.4575$, and the grayscale version is $46.5512, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.9599, 0.3154, 0.2712$, and $20.3066, 0.3186, 0.2038$ is the 20% darker color. If you saturate the color by 10%, you get $37.5871, 0.3208, 0.2061$, and if you desaturate by 10%, it is $51.8215, 0.3177, 0.2504$.

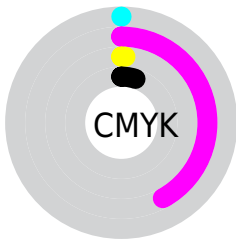
Distribution



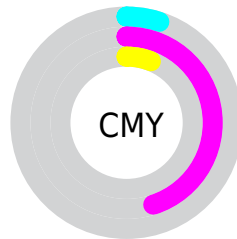
- Red (95%)
- Green (55%)
- Blue (94%)



- Red (95%)
- Yellow (55%)
- Blue (94%)



- Cyan (0%)
- Magenta (42%)
- Yellow (1%)
- Black (5%)




- Cyan (5%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9247, 0.3193, 0.2272 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 43.9247, 0.3193, 0.2272 by changing the saturation by 10% instead.


 43.9247, 0.3193,
0.2272

 43.9247, 0.3193,
0.2272


362.4009, 0.3178,
0.2737

 30.6113, 0.3193,
0.2168


 81.1044, 0.3191,
0.2432

 20.3031, 0.3190,
0.2042


 105.7396, 0.3189,
0.2494

 12.6155, 0.3183,
0.1885


134.9174, 0.3187,
0.2548

 7.1643, 0.3168,
0.1687


169.0223, 0.3185,
0.2596

 3.5651, 0.3136,
0.1429

208.4387, 0.3183,
0.2638

 1.4334, 0.3068,
0.1091

253.5510, 0.3181,

 0.2411, 0.2984,

0.2675

0.0418

304.7436, 0.3179,
0.2708

0.0000, 0.2360,
0.0000

0.0000, 0.0000,
0.0000

43.9247, 0.3193,
0.2272

43.9247, 0.3193,
0.2272

37.5871, 0.3208,
0.2061

51.8215, 0.3177,
0.2504

32.6997, 0.3223,
0.1882

61.3652, 0.3161,
0.2749

29.1489, 0.3235,
0.1741


72.6441, 0.3145,
0.2996

26.8017, 0.3246,
0.1643


85.7386, 0.3130,
0.3239


 25.4978, 0.3254,
0.1588


 96.8348, 0.3119,
0.3414

 25.0108, 0.3260,
0.1569

 96.8635, 0.3116,
0.3409

 96.8922, 0.3114,
0.3404

 96.9209, 0.3111,
0.3400

 96.9498, 0.3108,
0.3395

Harmonies

Analogous

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



43.9247, 0.2381, 0.2012



43.9247, 0.3193, 0.2272



43.9247, 0.4111, 0.2733

Triad

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



43.9247, 0.3193, 0.2272



43.9247, 0.4438, 0.4560



43.9247, 0.1723, 0.2922

Complementary

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



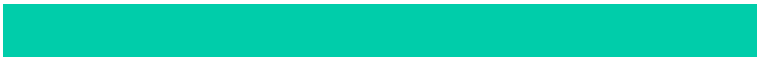
43.9247, 0.3193, 0.2272



71.0428, 0.3056, 0.4575

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.



43.9247, 0.2144, 0.3879



43.9247, 0.3193, 0.2272



43.9247, 0.3705, 0.4938

Square

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



43.9247, 0.3193, 0.2272



43.9247, 0.4857, 0.3951



43.9247, 0.2866, 0.4728



43.9247, 0.1636, 0.2280

Rectangle

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



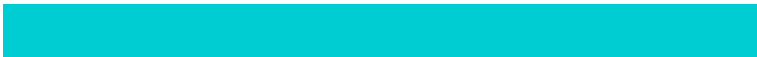
43.9247, 0.3193, 0.2272



43.9247, 0.4597, 0.3114



43.9247, 0.2866, 0.4728



43.9247, 0.1825, 0.3217

Sweetspot

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



43.9267, 0.3193, 0.2272



80.6011, 0.3146, 0.2974



30.8894, 0.2349, 0.1987



16.6217, 0.3150, 0.2920



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.



43.9267, 0.3193, 0.2272



42.9713, 0.3207, 0.2081



41.3218, 0.3683, 0.2756



16.0258, 0.3141, 0.3062



13.4362, 0.3259, 0.1569



1.1195, 0.3252, 0.1565

Inverse Universe

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



43.9267, 0.3193, 0.2272



42.9713, 0.3207, 0.2081



72.9271, 0.2794, 0.3906



16.0258, 0.3141, 0.3062



13.4362, 0.3259, 0.1569



1.1195, 0.3252, 0.1565

Previews

White Background



This preview shows how the Yxy color 43.9247, 0.3193, 0.2272 looks on a white background.

Color Contrast Check

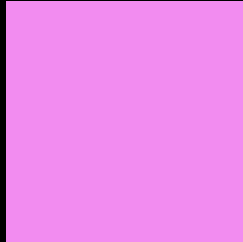
Large Text (above 18pt) WCAG AA × Fail

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 43.9247, 0.3193, 0.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

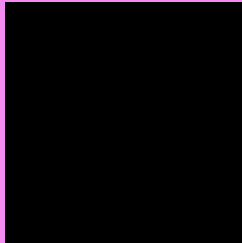
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9247, 0.3193, 0.2272

Background



This preview shows how black text looks on a background with the Yxy color 43.9247, 0.3193, 0.2272.

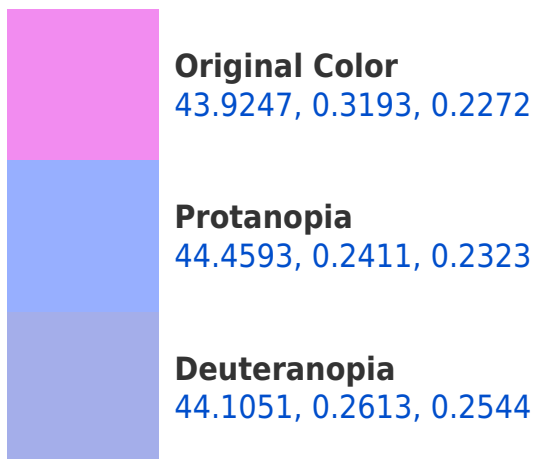


This preview shows how white text looks on a background with the Yxy color 43.9247, 0.3193, 0.2272.

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

43.9277, 0.3775, 0.3155

Trichromacy



Original Color

43.9247, 0.3193, 0.2272



Protanomaly

42.9331, 0.2643, 0.2272



Deuteranomaly

43.1033, 0.2798, 0.2422



Tritanomaly

43.5406, 0.3557, 0.2803

Monochromacy



Original Color

43.9247, 0.3193, 0.2272



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.7866, 0.3156, 0.2856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9247, 0.3193, 0.2272 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(242, 140, 240)` looks like.

```
.text, #text, p{  
    color:rgb(242, 140, 240)  
}
```

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(242, 140, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 140, 240) }
```

Border

The CSS property to change the border of an element to Yxy 43.9247, 0.3193, 0.2272 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(242, 140, 240) }
```

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

```
.border{ border-color:rgb(242, 140, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 140, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 140, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 140, 240); box-shadow:4px 4px 4px 4px rgb(242, 140, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9247, 0.3193, 0.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 140, 240) }
```

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

```
.background{ background-color: rgb(242,  
140, 240) }
```

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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