

Converting Colors

$Y_{xy}(43.6056, 0.3207, 0.2365)$

Have a look what the booklet for
Yxy(43.6056, 0.3207, 0.2365)
contains.

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Color

Yxy(43.6056, 0.3207, 0.2365)

Conversions

Conversions Part 1

Format	Color
Hex	EC90E8
RGB	236, 144, 232
RGB Percent	93%, 56%, 91%
CMY	0.0745, 0.4353, 0.0902
CMYK	0.00, 0.39, 0.02, 0.07
HSL	303°, 71%, 75%
HSV	303°, 39%, 93%
XYZ	59.1303, 43.6056, 81.6430
YIQ	181.5400, 26.5840, 46.8720

Conversions

Conversions Part 2

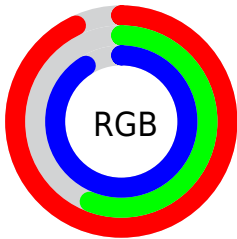
Format	Color
R _Y B	236, 144, 232
Decimal	15503592
CIE Lab	71.96, 47.68, -30.04
CIE LCh	72, 56.352, 327.792
Yxy	43.6056, 0.3207, 0.2365
Android (android.graphics.Color)	4293693672 (0xFFEC90E8)
YUV	181.5400, 24.8768, 47.7614
Hunter-Lab	66.0345, 44.2765, -27.0801

Details

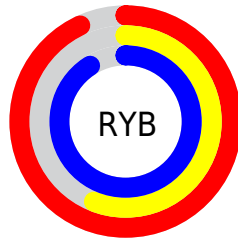
The Yxy color **43.6056, 0.3207, 0.2365** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **68.0592, 0.3050, 0.4431**, and the grayscale version is **46.3693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7886, 0.3152, 0.2752**, and **20.2005, 0.3218, 0.2155** is the 20% darker color. If you saturate the color by 10%, you get **37.1318, 0.3229, 0.2150**, and if you desaturate by 10%, it is **51.5778, 0.3185, 0.2598**.

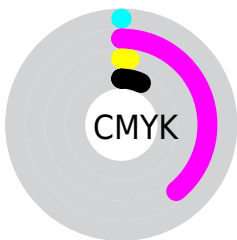
Distribution



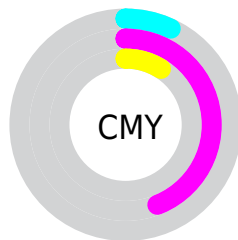
- Red (93%)
- Green (56%)
- Blue (91%)



- Red (93%)
- Yellow (56%)
- Blue (91%)



- Cyan (0%)
- Magenta (39%)
- Yellow (2%)
- Black (7%)




- Cyan (7%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6056, 0.3207, 0.2365 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 43.6056, 0.3207, 0.2365 by changing the saturation by 10% instead.


 43.6056, 0.3207,
0.2365


 43.6056, 0.3207,
0.2365


361.0964, 0.3182,
0.2793

 30.3606, 0.3210,
0.2268


 80.6239, 0.3201,
0.2513

 20.1124, 0.3211,
0.2149

 105.1660, 0.3197,
0.2571

 12.4768, 0.3210,
0.2000


134.2426, 0.3194,
0.2621

 7.0693, 0.3203,
0.1808

168.2380, 0.3191,
0.2664

 3.5055, 0.3185,
0.1556

207.5367, 0.3189,
0.2702

 1.4010, 0.3136,
0.1214

252.5231, 0.3186,

 0.2174, 0.3104,

0.2736

0.0453

303.5815, 0.3184,
0.2766

■ 0.0000, 0.2182,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6056, 0.3207,
0.2365

■ 43.6056, 0.3207,
0.2365

■ 37.1318, 0.3229,
0.2150

■ 51.5778, 0.3185,
0.2598

■ 32.0567, 0.3251,
0.1962


■ 61.1282, 0.3164,
0.2839

■ 28.2778, 0.3272,
0.1810

■ 72.3380, 0.3144,
0.3079

■ 25.6761, 0.3291,
0.1700

■ 85.2812, 0.3125,
0.3313

 24.1107, 0.3307,
0.1634

 95.4750, 0.3112,
0.3468


 23.3674, 0.3321,
0.1606

 95.5352, 0.3106,
0.3458

 23.3094, 0.3323,
0.1604

 95.5957, 0.3100,
0.3448

 95.6566, 0.3094,
0.3437

 95.7179, 0.3088,
0.3427

Harmonies

Analogous

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



43.6056, 0.2464, 0.2120



43.6056, 0.3207, 0.2365



43.6056, 0.4026, 0.2796

Triad

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



43.6056, 0.3207, 0.2365



43.6056, 0.4321, 0.4469



43.6056, 0.1842, 0.2958

Complementary

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



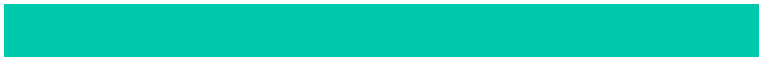
43.6056, 0.3207, 0.2365



68.0592, 0.3050, 0.4431

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.



43.6056, 0.2232, 0.3803



43.6056, 0.3207, 0.2365



43.6056, 0.3656, 0.4772

Square

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



43.6056, 0.3207, 0.2365



43.6056, 0.4693, 0.3928



43.6056, 0.2891, 0.4552



43.6056, 0.1761, 0.2373

Rectangle

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



43.6056, 0.3207, 0.2365



43.6056, 0.4457, 0.3152



43.6056, 0.2891, 0.4552



43.6056, 0.1937, 0.3221

Sweetspot

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



43.6075, 0.3207, 0.2365



81.9212, 0.3150, 0.3006



32.2144, 0.2429, 0.2106



17.1521, 0.3152, 0.2974



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.



43.6075, 0.3207, 0.2365



45.5186, 0.3225, 0.2186



41.3665, 0.3641, 0.2813



15.3018, 0.3145, 0.3068



12.8538, 0.3321, 0.1603



1.0128, 0.3304, 0.1594

Inverse Universe

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



43.6075, 0.3207, 0.2365



45.5186, 0.3225, 0.2186



69.7742, 0.2807, 0.3830



15.3018, 0.3145, 0.3068



12.8538, 0.3321, 0.1603



1.0128, 0.3304, 0.1594

Previews

White Background



This preview shows how the Yxy color 43.6056, 0.3207, 0.2365 looks on a white background.

Color Contrast Check

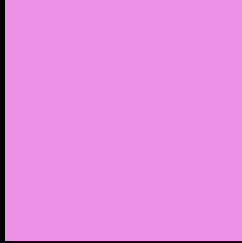
Large Text (above 18pt) WCAG AA × Fail

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 43.6056, 0.3207, 0.2365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

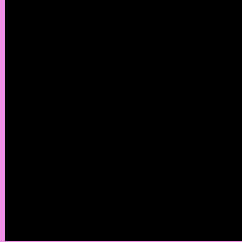
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6056, 0.3207, 0.2365

Background



This preview shows how black text looks on a background with the Yxy color 43.6056, 0.3207, 0.2365.



This preview shows how white text looks on a background with the Yxy color 43.6056, 0.3207, 0.2365.

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

43.6056, 0.3207, 0.2365

Protanopia

44.0714, 0.2409, 0.2311

Deuteranopia

44.1430, 0.2686, 0.2626



Tritanopia

43.4725, 0.3713, 0.3152

Trichromacy



Original Color

43.6056, 0.3207, 0.2365



Protanomaly

42.8549, 0.2648, 0.2308



Deuteranomaly

43.1890, 0.2858, 0.2507



Tritanomaly

43.2512, 0.3525, 0.2839

Monochromacy



Original Color

43.6056, 0.3207, 0.2365



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.7320, 0.3163, 0.2900

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6056, 0.3207, 0.2365 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(236, 144, 232)` looks like.

```
.text, #text, p{  
    color:rgb(236, 144, 232)  
}
```

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(236, 144, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 144, 232) }
```

Border

The CSS property to change the border of an element to Yxy 43.6056, 0.3207, 0.2365 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(236, 144, 232) }
```

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

```
.border{ border-color:rgb(236, 144, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 144, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 144, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 144, 232);  
box-shadow:4px 4px 4px 4px rgb(236, 144,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6056, 0.3207, 0.2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 144, 232) }
```

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

```
.background{ background-color: rgb(236,  
144, 232) }
```

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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