

Converting Colors

Yxy(53.2553, 0.3174, 0.2554)

Have a look what the booklet for
Yxy(53.2553, 0.3174, 0.2554)
contains.

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Color

Yxy(53.3680, 0.3170, 0.2556)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1A9F0 |
| RGB | 241, 169, 240 |
| RGB Percent | 95%, 66%, 94% |
| CMY | 0.0549, 0.3372, 0.0589 |
| CMYK | 0.00, 0.30, 0.00, 0.05 |
| HSL | 301°, 72%, 80% |
| HSV | 301°, 30%, 95% |
| XYZ | 66.1880, 53.3680, 89.2390 |
| YIQ | 198.6220, 20.1210, 37.3450 |

Conversions

Conversions Part 2

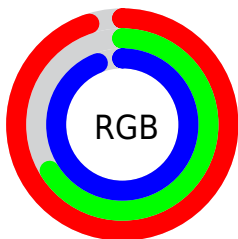
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 241, 169, 240 |
| Decimal | 15837680 |
| CIE Lab | 78.09, 37.62, -24.94 |
| CIE LCh | 78, 45.132, 326.455 |
| Yxy | 53.3680, 0.3170, 0.2556 |
| Android (android.graphics.Color) | 4294027760 (0xFFFF1A9F0) |
| YUV | 198.6220, 20.3994, 37.1655 |
| Hunter-Lab | 73.0534, 33.8815, -21.2888 |

Details

The Yxy color **53.3680, 0.3170, 0.2556** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.2462, 0.3080, 0.4153**, and the grayscale version is **56.7358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **26.1418, 0.3169, 0.2390** is the 20% darker color. If you saturate the color by 10%, you get **45.1940, 0.3185, 0.2319**, and if you desaturate by 10%, it is **63.1992, 0.3155, 0.2803**.

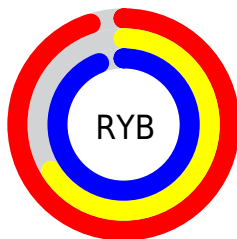
Distribution



Red (95%)

Green (66%)

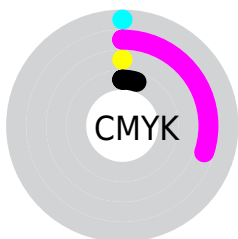
Blue (94%)



Red (95%)

Yellow (66%)

Blue (94%)

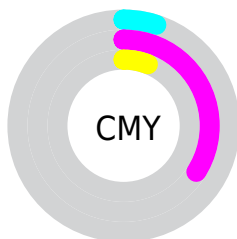


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (5%)


Magenta (34%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3680, 0.3170, 0.2556 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 53.3680, 0.3170, 0.2556 by changing the saturation by 10% instead.

 53.3680, 0.3170,
0.2556

 53.3680, 0.3170,
0.2556


399.6954, 0.3158,
0.2892

 38.0966, 0.3171,
0.2481


 95.1457, 0.3167,
0.2671

 26.0577, 0.3171,
0.2389


122.4207, 0.3166,
0.2717

 16.8668, 0.3169,
0.2273


154.4658, 0.3164,
0.2756

 10.1396, 0.3164,
0.2125

191.6653, 0.3163,
0.2790

 5.4916, 0.3152,
0.1929

234.4036, 0.3162,
0.2820

 2.5385, 0.3123,
0.1659

283.0652, 0.3160,

 0.8958, 0.3055,

0.2846

0.1271

338.0343, 0.3159,
0.2870

0.0000, 0.3064,
0.0000

0.0000, 0.0000,
0.0000

53.3680, 0.3170,
0.2556

53.3680, 0.3170,
0.2556

45.1940, 0.3185,
0.2319

63.1992, 0.3155,
0.2803

38.5794, 0.3199,
0.2102


74.7645, 0.3141,
0.3051


33.4266, 0.3212,
0.1914


88.1445, 0.3127,
0.3293


29.6247, 0.3223,
0.1763


96.5906, 0.3119,
0.3425

 27.0466, 0.3232,
0.1655

 96.6108, 0.3117,
0.3421

 25.5410, 0.3240,
0.1590

 96.6311, 0.3115,
0.3418

 24.8575, 0.3245,
0.1562

 96.6514, 0.3113,
0.3415

 24.8504, 0.3245,
0.1561

 96.6717, 0.3111,
0.3411

 96.6921, 0.3109,
0.3408

Harmonies

Analogous

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



53.3680, 0.2604, 0.2369



53.3680, 0.3170, 0.2556



53.3680, 0.3779, 0.2899

Triad

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



53.3680, 0.3170, 0.2556



53.3680, 0.4076, 0.4201



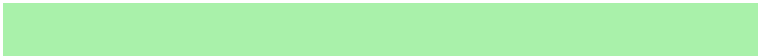
53.3680, 0.2141, 0.3087

Complementary

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



53.3680, 0.3170, 0.2556



74.2462, 0.3080, 0.4153

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.



53.3680, 0.2472, 0.3702



53.3680, 0.3170, 0.2556



53.3680, 0.3584, 0.4392

Square

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



53.3680, 0.3170, 0.2556



53.3680, 0.4322, 0.3802



53.3680, 0.2995, 0.4220



53.3680, 0.2056, 0.2617

Rectangle

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



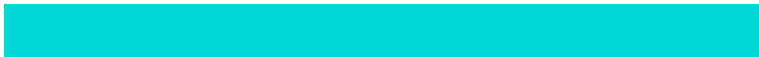
53.3680, 0.3170, 0.2556



53.3680, 0.4104, 0.3185



53.3680, 0.2995, 0.4220



53.3680, 0.2225, 0.3285

Sweetspot

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



53.3703, 0.3170, 0.2556



86.2007, 0.3140, 0.3072



43.1670, 0.2598, 0.2416



18.0073, 0.3142, 0.3036



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.



53.3703, 0.3170, 0.2556



54.6630, 0.3179, 0.2406



51.4878, 0.3465, 0.2902



16.0274, 0.3140, 0.3061



13.4784, 0.3244, 0.1561



1.1225, 0.3239, 0.1558

Inverse Universe

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



53.3703, 0.3170, 0.2556



54.6630, 0.3179, 0.2406



75.7511, 0.2886, 0.3716



16.0274, 0.3140, 0.3061



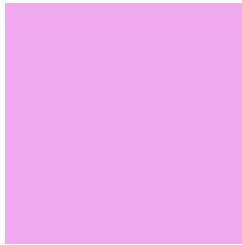
13.4784, 0.3244, 0.1561



1.1225, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 53.3680, 0.3170, 0.2556 looks on a white background.

Color Contrast Check

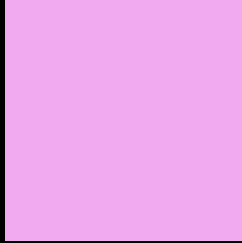
Large Text (above 18pt) WCAG AA × Fail

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 53.3680, 0.3170, 0.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

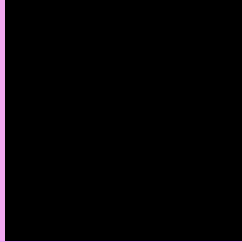
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3680, 0.3170, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 53.3680, 0.3170, 0.2556.

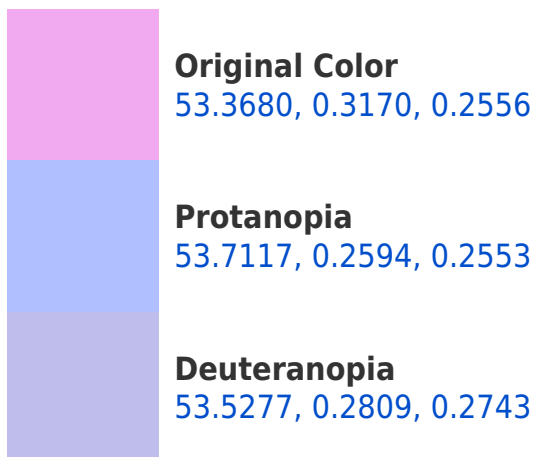


This preview shows how white text looks on a background with the Yxy color 53.3680, 0.3170, 0.2556.

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

53.3087, 0.3511, 0.3135

Trichromacy



Original Color

53.3680, 0.3170, 0.2556



Protanomaly

53.0485, 0.2780, 0.2542



Deuteranomaly

53.1256, 0.2934, 0.2673



Tritanomaly

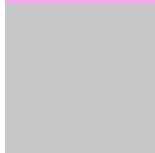
53.2679, 0.3387, 0.2921

Monochromacy



Original Color

53.3680, 0.3170, 0.2556



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.1176, 0.3141, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3680, 0.3170, 0.2556 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(241, 169, 240)` looks like.

```
.text, #text, p{  
    color:rgb(241, 169, 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(241, 169, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 169, 240) }
```

Border

The CSS property to change the border of an element to Yxy 53.3680, 0.3170, 0.2556 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(241, 169, 240) }
```

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

```
.border{ border-color:rgb(241, 169, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 169, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 169, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 169, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 169,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3680, 0.3170, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 169, 240) }
```

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

```
.background{ background-color: rgb(241,  
169, 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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