

Converting Colors

Yxy(55.5839, 0.3152, 0.2762)

Have a look what the booklet for
Yxy(55.5839, 0.3152, 0.2762)
contains.

Yxy(55.5839, 0.3152, 0.2762)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.5839, 0.3152, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	E6B5E6
RGB	230, 181, 230
RGB Percent	90%, 71%, 90%
CMY	0.0981, 0.2901, 0.0981
CMYK	0.00, 0.21, 0.00, 0.10
HSL	300°, 49%, 81%
HSV	300°, 21%, 90%
XYZ	63.4325, 55.5839, 82.2288
YIQ	201.2370, 13.4750, 25.6270

Conversions

Conversions Part 2

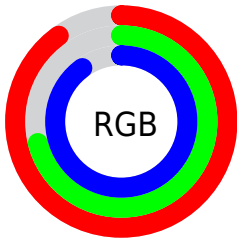
Format	Color
R _Y B	230, 181, 230
Decimal	15119846
CIE Lab	79.38, 25.84, -17.69
CIE LCh	79, 31.315, 325.607
Yxy	55.5839, 0.3152, 0.2762
Android (android.graphics.Color)	4293309926 (0xFFE6B5E6)
YUV	201.2370, 14.1802, 25.2252
Hunter-Lab	74.5546, 21.4006, -13.2047

Details

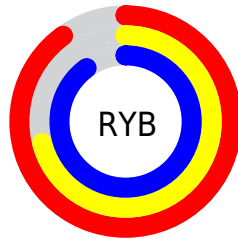
The Yxy color **55.5839, 0.3152, 0.2762** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.7470, 0.3099, 0.3881**, and the grayscale version is **58.4677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **27.4930, 0.3157, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **46.9916, 0.3164, 0.2514**, and if you desaturate by 10%, it is **65.7248, 0.3140, 0.3013**.

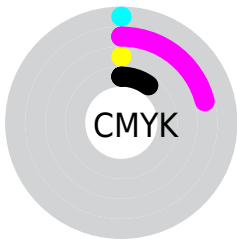
Distribution



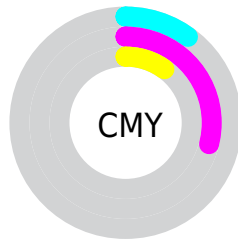
- Red (90%)
- Green (71%)
- Blue (90%)



- Red (90%)
- Yellow (71%)
- Blue (90%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)





- Cyan (10%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5839, 0.3152, 0.2762 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 55.5839, 0.3152, 0.2762 by changing the saturation by 10% instead.

 55.5839, 0.3152,
0.2762

 55.5839, 0.3152,
0.2762


408.1215, 0.3144,
0.3007

 39.8694, 0.3153,
0.2706


 98.3959, 0.3150,
0.2847

 27.4367, 0.3153,
0.2637


126.2623, 0.3149,
0.2880

 17.9015, 0.3153,
0.2549


158.9480, 0.3148,
0.2909

 10.8793, 0.3150,
0.2435

196.8375, 0.3147,
0.2933

 5.9857, 0.3144,
0.2280

240.3152, 0.3147,
0.2955

 2.8364, 0.3129,
0.2059

289.7656, 0.3146,

 1.0469, 0.3090,

0.2974

0.1721

345.5728, 0.3145,
0.2992

0.0000, 0.3247,
0.0000

0.0000, 0.0000,
0.0000

55.5839, 0.3152,
0.2762

55.5839, 0.3152,
0.2762

46.9916, 0.3164,
0.2514

65.7248, 0.3140,
0.3013

39.8649, 0.3175,
0.2277

77.4776, 0.3129,
0.3259

34.1243, 0.3185,
0.2062

90.9108, 0.3118,
0.3495

29.6796, 0.3194,
0.1878

94.0528, 0.3115,
0.3544

26.4301, 0.3201,
0.1732

94.0530, 0.3115,
0.3544

24.2603, 0.3205,
0.1628

94.0532, 0.3115,
0.3544

23.0316, 0.3208,
0.1567

94.0534, 0.3115,
0.3544

22.5301, 0.3210,
0.1542

94.0537, 0.3115,
0.3544

94.0539, 0.3115,
0.3544

Harmonies

Analogous

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



55.5839, 0.2757, 0.2632



55.5839, 0.3152, 0.2762



55.5839, 0.3565, 0.3011

Triad

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



55.5839, 0.3152, 0.2762



55.5839, 0.3799, 0.3928



55.5839, 0.2439, 0.3176

Complementary

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



55.5839, 0.3152, 0.2762



69.7470, 0.3099, 0.3881

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.



55.5839, 0.2686, 0.3582



55.5839, 0.3152, 0.2762



55.5839, 0.3469, 0.4035

Square

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



55.5839, 0.3152, 0.2762



55.5839, 0.3950, 0.3662



55.5839, 0.3060, 0.3912



55.5839, 0.2366, 0.2841

Rectangle

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



55.5839, 0.3152, 0.2762



55.5839, 0.3785, 0.3220



55.5839, 0.3060, 0.3912



55.5839, 0.2503, 0.3310

Sweetspot

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



55.5863, 0.3152, 0.2762



90.6235, 0.3134, 0.3143



48.5924, 0.2769, 0.2699



19.1886, 0.3135, 0.3127



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.



55.5863, 0.3152, 0.2762



64.7455, 0.3158, 0.2641



54.3065, 0.3348, 0.3018



14.6152, 0.3138, 0.3059



12.7575, 0.3210, 0.1542



0.9427, 0.3210, 0.1542

Inverse Universe

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



55.5863, 0.3152, 0.2762



64.7455, 0.3158, 0.2641



70.8417, 0.2952, 0.3579



14.6152, 0.3138, 0.3059



12.7575, 0.3210, 0.1542



0.9427, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 55.5839, 0.3152, 0.2762 looks on a white background.

Color Contrast Check

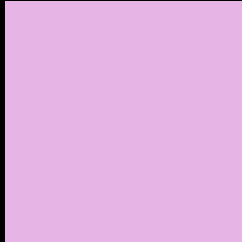
Large Text (above 18pt) WCAG AA × Fail

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 55.5839, 0.3152, 0.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

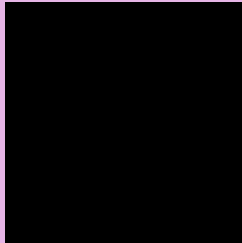
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5839, 0.3152, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 55.5839, 0.3152, 0.2762.



This preview shows how white text looks on a background with the Yxy color 55.5839, 0.3152, 0.2762.

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

55.5839, 0.3152, 0.2762

Protanopia

55.8270, 0.2767, 0.2779

Deuteranopia

55.7182, 0.2938, 0.2875



Tritanopia

55.5036, 0.3344, 0.3122

Trichromacy



Original Color

55.5839, 0.3152, 0.2762

Protanomaly

55.5796, 0.2898, 0.2768

Deuteranomaly

55.6206, 0.3015, 0.2829

Tritanomaly

55.3653, 0.3266, 0.2979

Monochromacy



Original Color

55.5839, 0.3152, 0.2762

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.3341, 0.3137, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5839, 0.3152, 0.2762 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(230, 181, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 181, 230)  
}
```

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(230, 181, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 181, 230) }
```

Border

The CSS property to change the border of an element to Yxy 55.5839, 0.3152, 0.2762 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(230, 181, 230) }
```

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

```
.border{ border-color:rgb(230, 181, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 181, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 181, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 181, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 181,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5839, 0.3152, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 181, 230) }
```

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

```
.background{ background-color: rgb(230,  
181, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor