

Converting Colors

Yxy(55.1362, 0.3093, 0.2905)

Have a look what the booklet for
Yxy(55.1362, 0.3093, 0.2905)
contains.

Yxy(55.2082, 0.3097, 0.2905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.2082, 0.3097, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	D7BBDD
RGB	215, 187, 221
RGB Percent	84%, 73%, 87%
CMY	0.1567, 0.2667, 0.1332
CMYK	0.03, 0.15, 0.00, 0.13
HSL	289°, 33%, 80%
HSV	289°, 15%, 87%
XYZ	58.8571, 55.2082, 75.9802
YIQ	199.2480, 5.7740, 16.5100

Conversions

Conversions Part 2

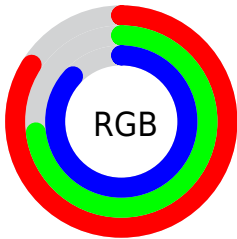
Format	Color
R _Y B	215, 187, 221
Decimal	14138333
CIE Lab	79.16, 16.00, -13.33
CIE LCh	79, 20.822, 320.212
Yxy	55.2082, 0.3097, 0.2905
Android (android.graphics.Color)	4292328413 (0xFFD7BBDD)
YUV	199.2480, 10.7237, 13.8145
Hunter-Lab	74.3022, 11.3664, -8.6174

Details

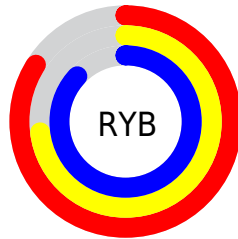
The Yxy color $55.2082, 0.3097, 0.2905$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $66.6500, 0.3151, 0.3696$, and the grayscale version is $57.2077, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $27.2770, 0.3085, 0.2814$ is the 20% darker color. If you saturate the color by 10%, you get $45.9620, 0.3072, 0.2644$, and if you desaturate by 10%, it is $65.9165, 0.3118, 0.3158$.

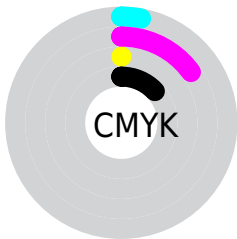
Distribution



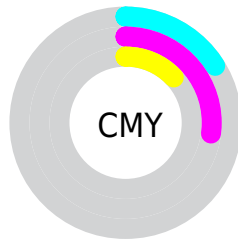
- Red (84%)
- Green (73%)
- Blue (87%)



- Red (84%)
- Yellow (73%)
- Blue (87%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)




- Cyan (16%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2082, 0.3097, 0.2905 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 55.2082, 0.3097, 0.2905 by changing the saturation by 10% instead.


 55.2082, 0.3097,
0.2905

 55.2082, 0.3097,
0.2905


406.7007, 0.3114,
0.3087

 39.5684, 0.3092,
0.2863

 97.8459, 0.3103,
0.2969

 27.2022, 0.3086,
0.2810


125.6127, 0.3106,
0.2993

 17.7252, 0.3078,
0.2742


158.1906, 0.3108,
0.3014

 10.7528, 0.3066,
0.2653

195.9640, 0.3109,
0.3033

 5.9009, 0.3047,
0.2529

239.3173, 0.3111,
0.3049

 2.7849, 0.3015,
0.2347

288.6349, 0.3112,

 1.0205, 0.2950,

0.3063

0.2054

344.3012, 0.3113,
0.3075

0.0000, 0.2669,
0.0000

0.0000, 0.0000,
0.0000

55.2082, 0.3097,
0.2905

55.2082, 0.3097,
0.2905

45.9620, 0.3072,
0.2644

65.9165, 0.3118,
0.3158

38.1047, 0.3041,
0.2382

78.1413, 0.3134,
0.3399

31.5678, 0.3006,
0.2128

91.9431, 0.3147,
0.3623

26.2740, 0.2966,
0.1893

93.6636, 0.3170,
0.3637

■ 22.1379, 0.2923,
0.1688

■ 94.3165, 0.3195,
0.3635

■ 19.0631, 0.2877,
0.1521

■ 94.9838, 0.3220,
0.3632

■ 16.9377, 0.2830,
0.1399

■ 95.6656, 0.3245,
0.3630

■ 15.6242, 0.2784,
0.1321

■ 96.3621, 0.3270,
0.3627

■ 15.1842, 0.2762,
0.1295

■ 97.0733, 0.3295,
0.3624

Harmonies

Analogous

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



55.2082, 0.2839, 0.2835



55.2082, 0.3097, 0.2905



55.2082, 0.3374, 0.3066

Triad

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



55.2082, 0.3097, 0.2905



55.2082, 0.3606, 0.3697



55.2082, 0.2684, 0.3269

Complementary

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



55.2082, 0.3097, 0.2905



66.6500, 0.3151, 0.3696

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.



55.2082, 0.2875, 0.3528



55.2082, 0.3097, 0.2905



55.2082, 0.3407, 0.3780

Square

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



55.2082, 0.3097, 0.2905



55.2082, 0.3675, 0.3513



55.2082, 0.3138, 0.3720



55.2082, 0.2608, 0.3030

Rectangle

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



55.2082, 0.3097, 0.2905



55.2082, 0.3529, 0.3208



55.2082, 0.3138, 0.3720



55.2082, 0.2736, 0.3357

Sweetspot

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



55.2106, 0.3097, 0.2905



91.7102, 0.3118, 0.3167



54.0264, 0.2882, 0.2956



19.3896, 0.3117, 0.3150



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.



55.2106, 0.3097, 0.2905



72.6304, 0.3091, 0.2834



55.5778, 0.3228, 0.3027



13.1530, 0.3110, 0.3058



8.8626, 0.2770, 0.1299



0.6052, 0.2845, 0.1341

Inverse Universe

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



54.7614, 0.3366, 0.3222



71.9289, 0.3418, 0.3209



66.3580, 0.3039, 0.3568



13.0887, 0.3264, 0.3249



9.0263, 0.6126, 0.3148



0.5962, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 55.2082, 0.3097, 0.2905 looks on a white background.

Color Contrast Check

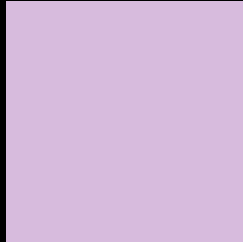
Large Text (above 18pt) WCAG AA × Fail

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 55.2082, 0.3097, 0.2905 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 55.2082, 0.3097, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 55.2082, 0.3097, 0.2905.



This preview shows how white text looks on a background with the Yxy color 55.2082, 0.3097, 0.2905.

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

55.2082, 0.3097, 0.2905

Protanopia

55.5976, 0.2879, 0.2924

Deuteranopia

55.2663, 0.3017, 0.2954



Tritanopia

55.3808, 0.3200, 0.3116

Trichromacy



Original Color

55.2082, 0.3097, 0.2905

Protanomaly

55.3605, 0.2958, 0.2918

Deuteranomaly

55.4041, 0.3048, 0.2945

Tritanomaly

55.3945, 0.3163, 0.3038

Monochromacy



Original Color

55.2082, 0.3097, 0.2905

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5143, 0.3118, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2082, 0.3097, 0.2905 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(215, 187, 221)` looks like.

```
.text, #text, p{  
    color:rgb(215, 187, 221)  
}
```

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(215, 187, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 187, 221) }
```

Border

The CSS property to change the border of an element to Yxy 55.2082, 0.3097, 0.2905 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(215, 187, 221) }
```

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

```
.border{ border-color:rgb(215, 187, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 187, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 187, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 187, 221);  
box-shadow:4px 4px 4px 4px rgb(215, 187,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2082, 0.3097, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 187, 221) }
```

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

```
.background{ background-color: rgb(215,  
187, 221) }
```

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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