

Converting Colors

$Yxy(55.2506, 0.3101, 0.2803)$

Have a look what the booklet for
Yxy(55.2506, 0.3101, 0.2803)
contains.

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Color

Yxy(55.4120, 0.3101, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	DEB8E4
RGB	222, 184, 228
RGB Percent	87%, 72%, 89%
CMY	0.1296, 0.2784, 0.1058
CMYK	0.03, 0.19, 0.00, 0.11
HSL	292°, 45%, 81%
HSV	292°, 19%, 89%
XYZ	61.2594, 55.4120, 80.8758
YIQ	200.3780, 8.5240, 21.7400

Conversions

Conversions Part 2

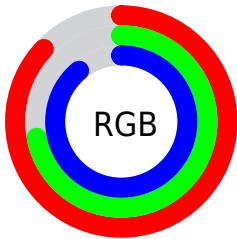
Format	Color
RYB	222, 184, 228
Decimal	14596324
CIELab	79.28, 21.22, -16.85
CIElCh	79, 27.097, 321.537
Yxy	55.4120, 0.3101, 0.2805
Android (android.graphics.Color)	4292786404 (0xFFDEB8E4)
YUV	200.3780, 13.6176, 18.9625
Hunter-Lab	74.4392, 16.6270, -12.3092

Details

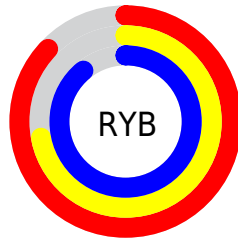
The Yxy color $55.4120, 0.3101, 0.2805$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $69.9141, 0.3144, 0.3812$, and the grayscale version is $57.9139, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $27.4652, 0.3091, 0.2687$ is the 20% darker color. If you saturate the color by 10%, you get $46.2001, 0.3082, 0.2545$, and if you desaturate by 10%, it is $66.1648, 0.3116, 0.3061$.

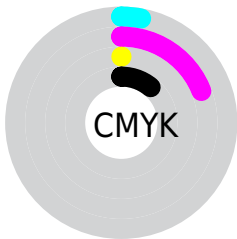
Distribution



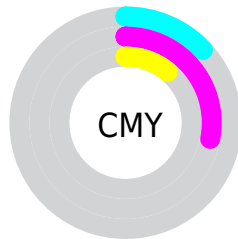
- Red (87%)
- Green (72%)
- Blue (89%)



- Red (87%)
- Yellow (72%)
- Blue (89%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)





- Cyan (13%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4120, 0.3101, 0.2805 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 55.4120, 0.3101, 0.2805 by changing the saturation by 10% instead.


 55.4120, 0.3101,
0.2805

 55.4120, 0.3101,
0.2805


407.4718, 0.3117,
0.3032

 39.7317, 0.3096,
0.2753


 98.1443, 0.3107,
0.2884

 27.3294, 0.3090,
0.2688


125.9651, 0.3110,
0.2915

 17.8208, 0.3081,
0.2606


158.6016, 0.3112,
0.2941

 10.8214, 0.3067,
0.2499

196.4380, 0.3113,
0.2964

 5.9469, 0.3046,
0.2351

239.8589, 0.3114,
0.2984

 2.8128, 0.3009,
0.2139

289.2485, 0.3115,

 1.0348, 0.2934,

0.3002

0.1810

344.9913, 0.3116,
0.3017

0.0000, 0.2872,
0.0000

0.0000, 0.0000,
0.0000

55.4120, 0.3101,
0.2805

55.4120, 0.3101,
0.2805

46.2001, 0.3082,
0.2545

66.1648, 0.3116,
0.3061

38.4487, 0.3059,
0.2289

78.5193, 0.3128,
0.3307

32.0813, 0.3032,
0.2047

92.5421, 0.3137,
0.3539

27.0113, 0.3002,
0.1830

94.7024, 0.3155,
0.3562

■ 23.1423, 0.2969,
0.1647

■ 95.2403, 0.3175,
0.3561

■ 20.3646, 0.2933,
0.1505

■ 95.7876, 0.3194,
0.3559

■ 18.5481, 0.2897,
0.1409

■ 96.3445, 0.3214,
0.3558

■ 17.4848, 0.2861,
0.1352

■ 96.9109, 0.3235,
0.3556

■ 17.4201, 0.2859,
0.1349

■ 97.4869, 0.3255,
0.3554

Harmonies

Analogous

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



55.4120, 0.2766, 0.2709



55.4120, 0.3101, 0.2805



55.4120, 0.3462, 0.3013

Triad

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



55.4120, 0.3101, 0.2805



55.4120, 0.3739, 0.3822



55.4120, 0.2548, 0.3242

Complementary

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



55.4120, 0.3101, 0.2805



69.9141, 0.3144, 0.3812

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.



55.4120, 0.2785, 0.3587



55.4120, 0.3101, 0.2805



55.4120, 0.3472, 0.3931

Square

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



55.4120, 0.3101, 0.2805



55.4120, 0.3842, 0.3582



55.4120, 0.3121, 0.3850



55.4120, 0.2461, 0.2936

Rectangle

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



55.4120, 0.3101, 0.2805



55.4120, 0.3663, 0.3193



55.4120, 0.3121, 0.3850



55.4120, 0.2612, 0.3358

Sweetspot

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



55.4144, 0.3101, 0.2805



90.2262, 0.3120, 0.3142



52.8911, 0.2812, 0.2842



19.0943, 0.3120, 0.3126



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.



55.4144, 0.3101, 0.2805



66.6179, 0.3094, 0.2705



55.5706, 0.3270, 0.2974



14.5093, 0.3116, 0.3057



10.0962, 0.2864, 0.1352



0.7740, 0.2918, 0.1381

Inverse Universe

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



54.5072, 0.3455, 0.3222



65.2781, 0.3539, 0.3208



69.8310, 0.3008, 0.3629



14.4002, 0.3271, 0.3258



9.5926, 0.6215, 0.3197



0.7192, 0.5875, 0.3010

Previews

White Background



This preview shows how the Yxy color 55.4120, 0.3101, 0.2805 looks on a white background.

Color Contrast Check

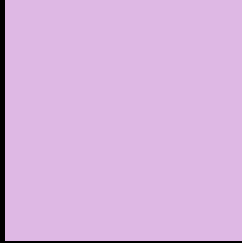
Large Text (above 18pt) WCAG AA × Fail

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 55.4120, 0.3101, 0.2805 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 55.4120, 0.3101, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 55.4120, 0.3101, 0.2805.



This preview shows how white text looks on a background with the Yxy color 55.4120, 0.3101, 0.2805.

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

55.4120, 0.3101, 0.2805

Protanopia

55.7197, 0.2799, 0.2823

Deuteranopia

55.6628, 0.2945, 0.2886



Tritanopia

55.1837, 0.3259, 0.3118

Trichromacy



Original Color

55.4120, 0.3101, 0.2805

Protanomaly

55.3672, 0.2903, 0.2819

Deuteranomaly

55.4966, 0.3006, 0.2858

Tritanomaly

55.3542, 0.3198, 0.3007

Monochromacy



Original Color

55.4120, 0.3101, 0.2805

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6466, 0.3120, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4120, 0.3101, 0.2805 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(222, 184, 228)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 228)  
}
```

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(222, 184, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 228) }
```

Border

The CSS property to change the border of an element to Yxy 55.4120, 0.3101, 0.2805 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(222, 184, 228) }
```

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

```
.border{ border-color:rgb(222, 184, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 184, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 228);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4120, 0.3101, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 228) }
```

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

```
.background{ background-color: rgb(222,  
184, 228) }
```

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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