

Converting Colors

$Yxy(55.2917, 0.3078, 0.2789)$

Have a look what the booklet for
Yxy(55.2917, 0.3078, 0.2789)
contains.

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Color

Yxy(55.1538, 0.3078, 0.2792)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DCB8E5 |
| RGB | 220, 184, 229 |
| RGB Percent | 86%, 72%, 90% |
| CMY | 0.1372, 0.2784, 0.1019 |
| CMYK | 0.04, 0.20, 0.00, 0.10 |
| HSL | 288°, 46%, 81% |
| HSV | 288°, 20%, 90% |
| XYZ | 60.8035, 55.1538, 81.5850 |
| YIQ | 199.8940, 7.0110, 21.6270 |

Conversions

Conversions Part 2

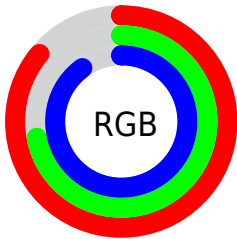
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 184, 229 |
| Decimal | 14465253 |
| CIE _{Lab} | 79.13, 20.78, -17.64 |
| CIE _{LCh} | 79, 27.258, 319.679 |
| Yxy | 55.1538, 0.3078, 0.2792 |
| Android (android.graphics.Color) | 4292655333 (0xFFDCB8E5) |
| YUV | 199.8940, 14.3493, 17.6330 |
| Hunter-Lab | 74.2656, 16.1786, -13.1475 |

Details

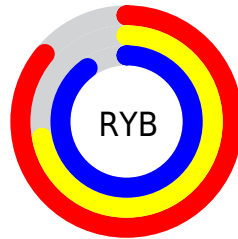
The Yxy color $55.1538, 0.3078, 0.2792$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $70.8496, 0.3164, 0.3820$, and the grayscale version is $57.5996, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $27.2491, 0.3069, 0.2683$ is the 20% darker color. If you saturate the color by 10%, you get $45.6940, 0.3045, 0.2527$, and if you desaturate by 10%, it is $66.1782, 0.3105, 0.3051$.

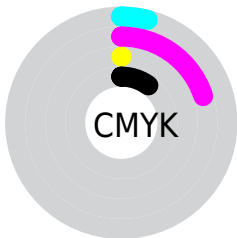
Distribution



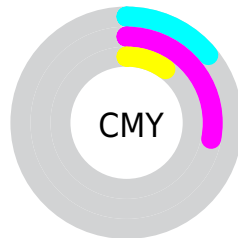
- Red (86%)
- Green (72%)
- Blue (90%)



- Red (86%)
- Yellow (72%)
- Blue (90%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)





- Cyan (14%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1538, 0.3078, 0.2792 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 55.1538, 0.3078, 0.2792 by changing the saturation by 10% instead.

 55.1538, 0.3078,
0.2792

 55.1538, 0.3078,
0.2792

406.4947, 0.3105,
0.3025

 39.5249, 0.3071,
0.2738

 97.7663, 0.3088,
0.2873

 27.1683, 0.3061,
0.2672


125.5186, 0.3092,
0.2904

 17.6997, 0.3047,
0.2588

158.0808, 0.3095,
0.2932

 10.7346, 0.3028,
0.2477

195.8374, 0.3098,
0.2955

 5.8886, 0.2998,
0.2326

239.1727, 0.3100,
0.2976

 2.7775, 0.2948,
0.2109

288.4710, 0.3102,

 1.0167, 0.2852,

0.2994

0.1772

344.1169, 0.3104,
0.3010

0.0000, 0.2676,
0.0000

0.0000, 0.0000,
0.0000

55.1538, 0.3078,
0.2792

55.1538, 0.3078,
0.2792

45.6940, 0.3045,
0.2527

66.1782, 0.3105,
0.3051

37.7174, 0.3006,
0.2264

78.8293, 0.3128,
0.3298

31.1464, 0.2963,
0.2013

93.1743, 0.3146,
0.3530

25.8928, 0.2914,
0.1785

95.4149, 0.3173,
0.3550

■ 21.8588, 0.2862,
0.1590

■ 96.2197, 0.3202,
0.3548

■ 18.9328, 0.2809,
0.1437

■ 97.0449, 0.3231,
0.3546

■ 16.9820, 0.2755,
0.1329

■ 97.8905, 0.3261,
0.3543

■ 15.7862, 0.2702,
0.1263

■ 98.4384, 0.3280,
0.3542

■ 15.7500, 0.2700,
0.1261

Harmonies

Analogous

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



55.1538, 0.2745, 0.2703



55.1538, 0.3078, 0.2792



55.1538, 0.3443, 0.2995

Triad

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



55.1538, 0.3078, 0.2792



55.1538, 0.3756, 0.3814



55.1538, 0.2554, 0.3263

Complementary

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



55.1538, 0.3078, 0.2792



70.8496, 0.3164, 0.3820

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.



55.1538, 0.2801, 0.3610



55.1538, 0.3078, 0.2792



55.1538, 0.3494, 0.3935

Square

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



55.1538, 0.3078, 0.2792



55.1538, 0.3847, 0.3567



55.1538, 0.3143, 0.3865



55.1538, 0.2457, 0.2950

Rectangle

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



55.1538, 0.3078, 0.2792



55.1538, 0.3650, 0.3175



55.1538, 0.3143, 0.3865



55.1538, 0.2622, 0.3380

Sweetspot

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



55.1562, 0.3078, 0.2792



90.0477, 0.3114, 0.3142



54.3222, 0.2808, 0.2870



19.0520, 0.3113, 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.



55.1562, 0.3078, 0.2792



64.7257, 0.3064, 0.2674



55.9133, 0.3249, 0.2935



14.4620, 0.3106, 0.3056



9.0550, 0.2708, 0.1266



0.7062, 0.2785, 0.1308

Inverse Universe

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



54.7922, 0.3439, 0.3189



64.2130, 0.3531, 0.3165



70.2608, 0.3024, 0.3673



14.4149, 0.3261, 0.3243



9.6499, 0.6069, 0.3117



0.7262, 0.5672, 0.2898

Previews

White Background



This preview shows how the Yxy color 55.1538, 0.3078, 0.2792 looks on a white background.

Color Contrast Check

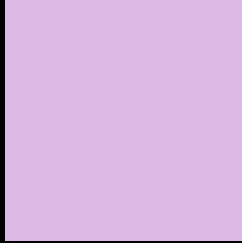
Large Text (above 18pt) WCAG AA × Fail

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 55.1538, 0.3078, 0.2792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

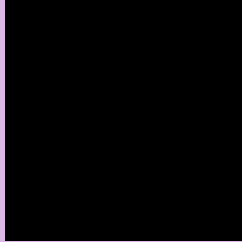
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1538, 0.3078, 0.2792

Background



This preview shows how black text looks on a background with the Yxy color 55.1538, 0.3078, 0.2792.



This preview shows how white text looks on a background with the Yxy color 55.1538, 0.3078, 0.2792.

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

55.1538, 0.3078, 0.2792

Protanopia

55.2045, 0.2785, 0.2799

Deuteranopia

55.1424, 0.2930, 0.2862



Tritanopia

55.3059, 0.3242, 0.3129

Trichromacy



Original Color

55.1538, 0.3078, 0.2792

Protanomaly

54.8522, 0.2888, 0.2795

Deuteranomaly

54.8333, 0.2983, 0.2834

Tritanomaly

55.0458, 0.3181, 0.3005

Monochromacy



Original Color

55.1538, 0.3078, 0.2792

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5521, 0.3105, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1538, 0.3078, 0.2792 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(220, 184, 229)` looks like.

```
.text, #text, p{  
    color:rgb(220, 184, 229)  
}
```

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(220, 184, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 184, 229) }
```

Border

The CSS property to change the border of an element to Yxy 55.1538, 0.3078, 0.2792 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(220, 184, 229) }
```

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

```
.border{ border-color:rgb(220, 184, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 184, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 184, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 184, 229);  
box-shadow:4px 4px 4px 4px rgb(220, 184,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1538, 0.3078, 0.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 184, 229) }
```

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

```
.background{ background-color: rgb(220,  
184, 229) }
```

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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