

Converting Colors

$Y_{xy}(55.3716, 0.3246, 0.3036)$

Have a look what the booklet for
Yxy(55.3716, 0.3246, 0.3036)
contains.

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Color

Yxy(55.2509, 0.3247, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	DEBAD1
RGB	222, 186, 209
RGB Percent	87%, 73%, 82%
CMY	0.1294, 0.2706, 0.1805
CMYK	0.00, 0.16, 0.06, 0.13
HSL	322°, 35%, 80%
HSV	322°, 16%, 87%
XYZ	59.1883, 55.2509, 67.8469
YIQ	199.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

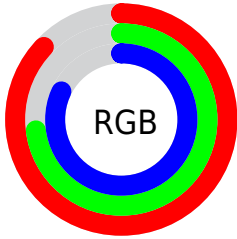
Format	Color
R _Y B	222, 186, 209
Decimal	14596817
CIE Lab	79.19, 16.69, -6.71
CIE LCh	79, 17.992, 338.093
Yxy	55.2509, 0.3247, 0.3031
Android (android.graphics.Color)	4292786897 (0xFFDEBAD1)
YUV	199.3860, 4.7397, 19.8325
Hunter-Lab	74.3309, 12.0569, -2.0863

Details

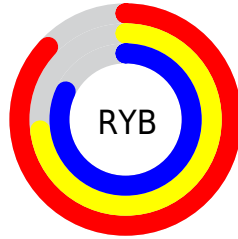
The Yxy color **55.2509, 0.3247, 0.3031** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8077, 0.3024, 0.3564**, and the grayscale version is **57.3265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **27.3571, 0.3277, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **46.2263, 0.3339, 0.2864**, and if you desaturate by 10%, it is **65.7536, 0.3169, 0.3193**.

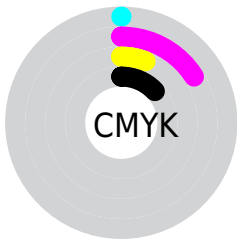
Distribution



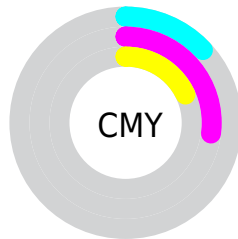
- Red (87%)
- Green (73%)
- Blue (82%)



- Red (87%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2509, 0.3247, 0.3031 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 55.2509, 0.3247, 0.3031 by changing the saturation by 10% instead.


 55.2509, 0.3247,
0.3031

 55.2509, 0.3247,
0.3031

406.8623, 0.3190,
0.3154

 39.6026, 0.3260,
0.3002


 97.9085, 0.3227,
0.3074

 27.2289, 0.3277,
0.2966


125.6866, 0.3219,
0.3091

 17.7452, 0.3299,
0.2919


158.2767, 0.3213,
0.3105

 10.7672, 0.3328,
0.2856

196.0633, 0.3207,
0.3118

 5.9105, 0.3368,
0.2769

239.4308, 0.3202,
0.3129

 2.7907, 0.3429,
0.2637

288.7635, 0.3197,

 1.0235, 0.3530,

0.3138

0.2418

344.4459, 0.3194,
0.3147

0.0000, 0.4644,
0.0000

0.0000, 0.0000,
0.0000

55.2509, 0.3247,
0.3031

55.2509, 0.3247,
0.3031

46.2263, 0.3339,
0.2864

65.7536, 0.3169,
0.3193

38.6053, 0.3446,
0.2696

77.7899, 0.3104,
0.3347

32.3178, 0.3570,
0.2535

91.4214, 0.3049,
0.3491

27.2851, 0.3709,
0.2390

93.4073, 0.3004,
0.3431

■ 23.4196, 0.3860,
0.2272

■ 93.8985, 0.2960,
0.3349

■ 20.6229, 0.4021,
0.2194

■ 94.2695, 0.2929,
0.3289

■ 18.7797, 0.4184,
0.2163

■ 17.7465, 0.4344,
0.2184

■ 17.4715, 0.4404,
0.2200

Harmonies

Analogous

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



55.2509, 0.3006, 0.2919



55.2509, 0.3247, 0.3031



55.2509, 0.3462, 0.3206

Triad

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



55.2509, 0.3247, 0.3031



55.2509, 0.3450, 0.3698



55.2509, 0.2690, 0.3144

Complementary

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



55.2509, 0.3247, 0.3031



66.8077, 0.3024, 0.3564

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.



55.2509, 0.2799, 0.3365



55.2509, 0.3247, 0.3031



55.2509, 0.3235, 0.3695

Square

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



55.2509, 0.3247, 0.3031



55.2509, 0.3580, 0.3588



55.2509, 0.2997, 0.3572



55.2509, 0.2692, 0.2976

Rectangle

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



55.2509, 0.3247, 0.3031



55.2509, 0.3558, 0.3340



55.2509, 0.2997, 0.3572



55.2509, 0.2714, 0.3215

Sweetspot

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



55.2533, 0.3247, 0.3031



91.8395, 0.3161, 0.3212



52.4840, 0.2960, 0.2867



19.4212, 0.3166, 0.3201



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.



55.2533, 0.3247, 0.3031



71.8093, 0.3272, 0.2982



54.4309, 0.3389, 0.3229



13.8470, 0.3193, 0.3142



10.3998, 0.4382, 0.2187



0.7378, 0.4154, 0.2062

Inverse Universe

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



55.2533, 0.3247, 0.3031



71.8093, 0.3272, 0.2982



67.6714, 0.2915, 0.3353



13.8470, 0.3193, 0.3142



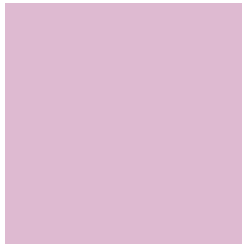
10.3998, 0.4382, 0.2187



0.7378, 0.4154, 0.2062

Previews

White Background



This preview shows how the Yxy color 55.2509, 0.3247, 0.3031 looks on a white background.

Color Contrast Check

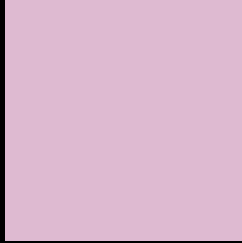
Large Text (above 18pt) WCAG AA × Fail

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 55.2509, 0.3247, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

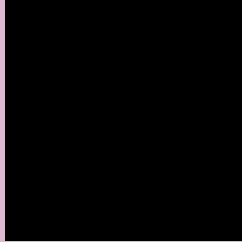
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2509, 0.3247, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 55.2509, 0.3247, 0.3031.



This preview shows how white text looks on a background with the Yxy color 55.2509, 0.3247, 0.3031.

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

55.2509, 0.3247, 0.3031

Protanopia

55.4058, 0.2976, 0.3051

Deuteranopia

55.5173, 0.3153, 0.3093



Tritanopia

55.1771, 0.3293, 0.3119

Trichromacy



Original Color

55.2509, 0.3247, 0.3031

Protanomaly

55.3407, 0.3067, 0.3044

Deuteranomaly

55.2454, 0.3186, 0.3071

Tritanomaly

55.3206, 0.3269, 0.3086

Monochromacy



Original Color

55.2509, 0.3247, 0.3031

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1608, 0.3164, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2509, 0.3247, 0.3031 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, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 209)  
}
```

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, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 209) }
```

Border

The CSS property to change the border of an element to Yxy 55.2509, 0.3247, 0.3031 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, 186, 209) }
```

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

```
.border{ border-color:rgb(222, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2509, 0.3247, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 209) }
```

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

```
.background{ background-color: rgb(222,  
186, 209) }
```

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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