

Converting Colors

$Y_{xy}(55.7936, 0.3237, 0.3071)$

Have a look what the booklet for
Yxy(55.7936, 0.3237, 0.3071)
contains.

Yxy(55.7361, 0.3236, 0.3063)	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(55.7361, 0.3236, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	DCBCD0
RGB	220, 188, 208
RGB Percent	86%, 74%, 82%
CMY	0.1373, 0.2627, 0.1842
CMYK	0.00, 0.15, 0.05, 0.14
HSL	322°, 31%, 80%
HSV	322°, 15%, 86%
XYZ	58.8841, 55.7361, 67.3455
YIQ	199.8480, 12.6520, 13.0040

Conversions

Conversions Part 2

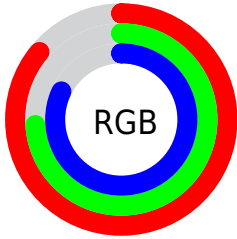
Format	Color
R _Y B	220, 188, 208
Decimal	14466256
CIE Lab	79.46, 14.76, -5.81
CIE LCh	79, 15.865, 338.511
Yxy	55.7361, 0.3236, 0.3063
Android (android.graphics.Color)	4292656336 (0xFFDCBCD0)
YUV	199.8480, 4.0189, 17.6733
Hunter-Lab	74.6566, 10.1397, -1.2241

Details

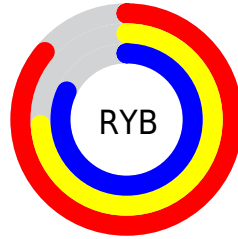
The Yxy color **55.7361, 0.3236, 0.3063** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0433, 0.3032, 0.3528**, and the grayscale version is **57.6310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.6604, 0.3262, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **46.6498, 0.3328, 0.2899**, and if you desaturate by 10%, it is **66.2810, 0.3158, 0.3221**.

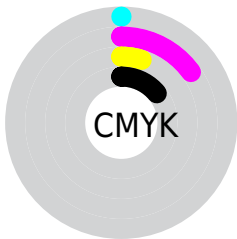
Distribution



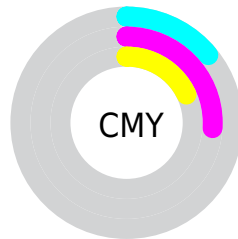
- Red (86%)
- Green (74%)
- Blue (82%)



- Red (86%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7361, 0.3236, 0.3063 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 55.7361, 0.3236, 0.3063 by changing the saturation by 10% instead.


 55.7361, 0.3236,
0.3063

 55.7361, 0.3236,
0.3063

408.6962, 0.3184,
0.3171

 39.9914, 0.3248,
0.3037


 98.6186, 0.3218,
0.3101

 27.5318, 0.3264,
0.3006


126.5252, 0.3211,
0.3116

 17.9730, 0.3283,
0.2964

159.2545, 0.3205,
0.3128

 10.9306, 0.3310,
0.2909

197.1910, 0.3199,
0.3139

 6.0202, 0.3347,
0.2832

240.7190, 0.3195,
0.3149

 2.8574, 0.3403,
0.2715

290.2230, 0.3191,

 1.0577, 0.3497,

0.3157

0.2520

346.0872, 0.3187,
0.3165

0.0000, 0.4708,
0.0000

0.0000, 0.0000,
0.0000

55.7361, 0.3236,
0.3063

55.7361, 0.3236,
0.3063

46.6498, 0.3328,
0.2899

66.2810, 0.3158,
0.3221

38.9497, 0.3436,
0.2734

78.3380, 0.3093,
0.3370

32.5684, 0.3561,
0.2574

91.9669, 0.3039,
0.3510

27.4298, 0.3702,
0.2428

93.0820, 0.2993,
0.3434

■ 23.4501, 0.3858,
0.2308

■ 93.5849, 0.2948,
0.3349

■ 20.5348, 0.4024,
0.2224

■ 93.9545, 0.2917,
0.3289

■ 18.5747, 0.4194,
0.2187

■ 17.4364, 0.4362,
0.2202

■ 17.0407, 0.4452,
0.2226

Harmonies

Analogous

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



55.7361, 0.3024, 0.2963



55.7361, 0.3236, 0.3063



55.7361, 0.3423, 0.3219

Triad

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



55.7361, 0.3236, 0.3063



55.7361, 0.3409, 0.3649



55.7361, 0.2740, 0.3161

Complementary

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



55.7361, 0.3236, 0.3063



66.0433, 0.3032, 0.3528

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.



55.7361, 0.2837, 0.3354



55.7361, 0.3236, 0.3063



55.7361, 0.3220, 0.3644

Square

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



55.7361, 0.3236, 0.3063



55.7361, 0.3524, 0.3555



55.7361, 0.3011, 0.3534



55.7361, 0.2744, 0.3012

Rectangle

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



55.7361, 0.3236, 0.3063



55.7361, 0.3506, 0.3338



55.7361, 0.3011, 0.3534



55.7361, 0.2762, 0.3222

Sweetspot

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



55.7385, 0.3236, 0.3063



93.4205, 0.3155, 0.3229



53.3784, 0.2984, 0.2914



19.7393, 0.3160, 0.3217



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.



55.7385, 0.3236, 0.3063



74.3914, 0.3259, 0.3021



55.0009, 0.3362, 0.3241



13.1879, 0.3195, 0.3145



10.0240, 0.4428, 0.2213



0.6659, 0.4177, 0.2075

Inverse Universe

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



55.7385, 0.3236, 0.3063



74.3914, 0.3259, 0.3021



66.8183, 0.2933, 0.3339



13.1879, 0.3195, 0.3145



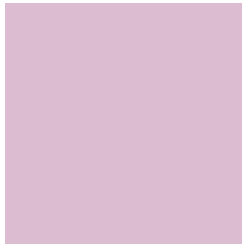
10.0240, 0.4428, 0.2213



0.6659, 0.4177, 0.2075

Previews

White Background



This preview shows how the Yxy color 55.7361, 0.3236, 0.3063 looks on a white background.

Color Contrast Check

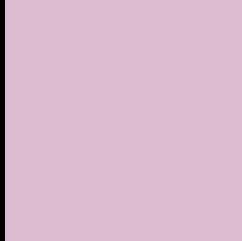
Large Text (above 18pt) WCAG AA × Fail

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 55.7361, 0.3236, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

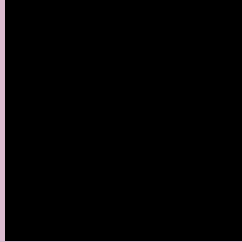
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7361, 0.3236, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 55.7361, 0.3236, 0.3063.



This preview shows how white text looks on a background with the Yxy color 55.7361, 0.3236, 0.3063.

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

55.7361, 0.3236, 0.3063

Protanopia

56.0197, 0.3005, 0.3088

Deuteranopia

55.6155, 0.3168, 0.3104



Tritanopia

55.8149, 0.3258, 0.3119

Trichromacy



Original Color

55.7361, 0.3236, 0.3063

Protanomaly

55.8222, 0.3089, 0.3079

Deuteranomaly

55.6280, 0.3193, 0.3094

Tritanomaly

55.8630, 0.3251, 0.3108

Monochromacy



Original Color

55.7361, 0.3236, 0.3063

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0571, 0.3163, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7361, 0.3236, 0.3063 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, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 208)  
}
```

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, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.7361, 0.3236, 0.3063 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, 188, 208) }
```

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

```
.border{ border-color:rgb(220, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 188, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 188, 208); box-shadow:4px 4px 4px 4px rgb(220, 188, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7361, 0.3236, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 208) }
```

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

```
.background{ background-color: rgb(220,  
188, 208) }
```

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