

Converting Colors

Yxy(55.6489, 0.3212, 0.3002)

Have a look what the booklet for
Yxy(55.6489, 0.3212, 0.3002)
contains.

Yxy(55.6663, 0.3214, 0.3008)	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(55.6663, 0.3214, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	DDBBD4
RGB	221, 187, 212
RGB Percent	87%, 73%, 83%
CMY	0.1333, 0.2667, 0.1685
CMYK	0.00, 0.15, 0.04, 0.13
HSL	316°, 33%, 80%
HSV	316°, 15%, 87%
XYZ	59.4786, 55.6663, 69.9160
YIQ	200.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

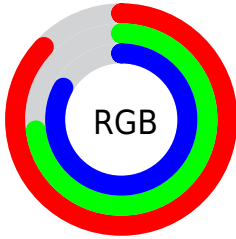
Format	Color
RYB	221, 187, 212
Decimal	14531540
CIELab	79.42, 16.36, -8.02
CIELCh	79, 18.224, 333.885
Yxy	55.6663, 0.3214, 0.3008
Android (android.graphics.Color)	4292721620 (0xFFDDBBD4)
YUV	200.0160, 5.9081, 18.4030
Hunter-Lab	74.6099, 11.7320, -3.3330

Details

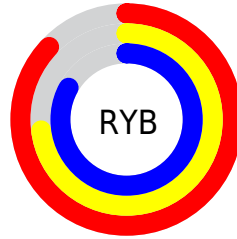
The Yxy color **55.6663, 0.3214, 0.3008** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.2694, 0.3050, 0.3589**, and the grayscale version is **57.7294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **27.5915, 0.3243, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **46.7126, 0.3282, 0.2817**, and if you desaturate by 10%, it is **66.0786, 0.3155, 0.3194**.

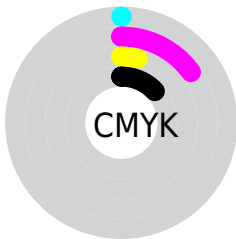
Distribution



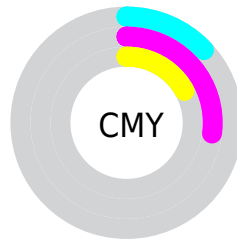
- Red (87%)
- Green (73%)
- Blue (83%)



- Red (87%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6663, 0.3214, 0.3008 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 55.6663, 0.3214, 0.3008 by changing the saturation by 10% instead.


 55.6663, 0.3214,
0.3008

 55.6663, 0.3214,
0.3008


408.4327, 0.3173,
0.3142

 39.9354, 0.3223,
0.2977


 98.5165, 0.3200,
0.3055

 27.4882, 0.3235,
0.2937


126.4046, 0.3194,
0.3073

 17.9402, 0.3250,
0.2887


159.1140, 0.3190,
0.3089

 10.9071, 0.3270,
0.2820

197.0289, 0.3185,
0.3102

 6.0044, 0.3297,
0.2726

240.5339, 0.3182,
0.3114

 2.8477, 0.3336,
0.2586

290.0132, 0.3179,

 1.0528, 0.3399,

0.3124

0.2355

345.8514, 0.3176,
0.3134

0.0000, 0.4081,
0.0000

0.0000, 0.0000,
0.0000

55.6663, 0.3214,
0.3008

55.6663, 0.3214,
0.3008

46.7126, 0.3282,
0.2817

66.0786, 0.3155,
0.3194

39.1443, 0.3361,
0.2627

78.0039, 0.3105,
0.3370

32.8929, 0.3450,
0.2445

91.5028, 0.3063,
0.3536

27.8811, 0.3547,
0.2279

92.9144, 0.3030,
0.3491

■ 24.0234, 0.3652,
0.2141

■ 93.2581, 0.2998,
0.3431

■ 21.2236, 0.3761,
0.2042

■ 93.6130, 0.2966,
0.3370

■ 19.3696, 0.3870,
0.1988

■ 93.9792, 0.2934,
0.3311

■ 18.3242, 0.3976,
0.1982

■ 94.1144, 0.2923,
0.3289

■ 18.0058, 0.4025,
0.1991

Harmonies

Analogous

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



55.6663, 0.2973, 0.2907



55.6663, 0.3214, 0.3008



55.6663, 0.3439, 0.3178

Triad

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



55.6663, 0.3214, 0.3008



55.6663, 0.3478, 0.3692



55.6663, 0.2694, 0.3172

Complementary

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



55.6663, 0.3214, 0.3008



66.2694, 0.3050, 0.3589

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.



55.6663, 0.2820, 0.3397



55.6663, 0.3214, 0.3008



55.6663, 0.3269, 0.3708

Square

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



55.6663, 0.3214, 0.3008



55.6663, 0.3594, 0.3568



55.6663, 0.3028, 0.3599



55.6663, 0.2680, 0.2991

Rectangle

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



55.6663, 0.3214, 0.3008



55.6663, 0.3546, 0.3312



55.6663, 0.3028, 0.3599



55.6663, 0.2724, 0.3245

Sweetspot

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



55.6687, 0.3214, 0.3008



91.9182, 0.3153, 0.3200



52.4296, 0.2944, 0.2887



19.4404, 0.3157, 0.3187



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.



55.6687, 0.3214, 0.3008



73.3737, 0.3232, 0.2956



54.8766, 0.3346, 0.3193



13.2131, 0.3178, 0.3120



10.4780, 0.4009, 0.1982



0.6927, 0.3850, 0.1894

Inverse Universe

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



55.6687, 0.3214, 0.3008



73.3737, 0.3232, 0.2956



67.0640, 0.2947, 0.3389



13.2131, 0.3178, 0.3120



10.4780, 0.4009, 0.1982



0.6927, 0.3850, 0.1894

Previews

White Background



This preview shows how the Yxy color 55.6663, 0.3214, 0.3008 looks on a white background.

Color Contrast Check

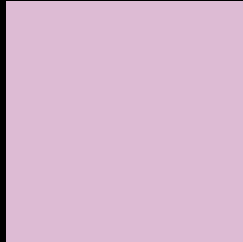
Large Text (above 18pt) WCAG AA × Fail

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 55.6663, 0.3214, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

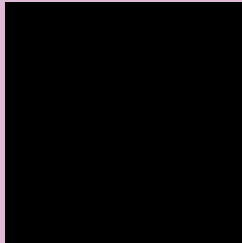
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6663, 0.3214, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 55.6663, 0.3214, 0.3008.



This preview shows how white text looks on a background with the Yxy color 55.6663, 0.3214, 0.3008.

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

55.6663, 0.3214, 0.3008

Protanopia

55.9589, 0.2962, 0.3041

Deuteranopia

55.6664, 0.3130, 0.3059



Tritanopia

55.4939, 0.3276, 0.3119

Trichromacy



Original Color

55.6663, 0.3214, 0.3008

Protanomaly

55.8836, 0.3053, 0.3033

Deuteranomaly

55.8262, 0.3163, 0.3049

Tritanomaly

55.6383, 0.3252, 0.3086

Monochromacy



Original Color

55.6663, 0.3214, 0.3008

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.7997, 0.3164, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6663, 0.3214, 0.3008 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(221, 187, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 212)  
}
```

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(221, 187, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 212) }
```

Border

The CSS property to change the border of an element to Yxy 55.6663, 0.3214, 0.3008 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(221, 187, 212) }
```

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

```
.border{ border-color:rgb(221, 187, 212) }
```

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

Here you see how a box with a 4 pixel rgb(221, 187, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6663, 0.3214, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 212) }
```

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

```
.background{ background-color: rgb(221,  
187, 212) }
```

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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