

Converting Colors

$Y_{xy}(54.2995, 0.3235, 0.3105)$

Have a look what the booklet for
Yxy(54.2995, 0.3235, 0.3105)
contains.

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Color

Yxy(54.2995, 0.3235, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	D7BBCB
RGB	215, 187, 203
RGB Percent	84%, 73%, 80%
CMY	0.1569, 0.2666, 0.2039
CMYK	0.00, 0.13, 0.06, 0.16
HSL	326°, 26%, 79%
HSV	326°, 13%, 84%
XYZ	56.5729, 54.2995, 64.0052
YIQ	197.1960, 11.5520, 10.9120

Conversions

Conversions Part 2

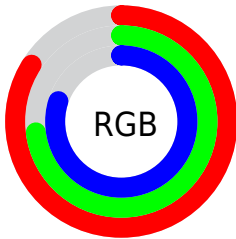
Format	Color
R _Y B	215, 187, 203
Decimal	14138315
CIE Lab	78.64, 12.68, -4.37
CIE LCh	79, 13.410, 340.968
Yxy	54.2995, 0.3235, 0.3105
Android (android.graphics.Color)	4292328395 (0xFFD7BBCB)
YUV	197.1960, 2.8614, 15.6141
Hunter-Lab	73.6882, 8.0861, 0.0827

Details

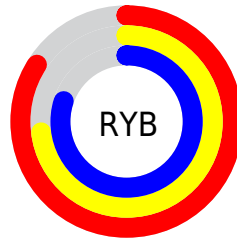
The Yxy color **54.2995, 0.3235, 0.3105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2851, 0.3032, 0.3483**, and the grayscale version is **55.9376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **26.6937, 0.3261, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **45.4261, 0.3337, 0.2955**, and if you desaturate by 10%, it is **64.5692, 0.3150, 0.3248**.

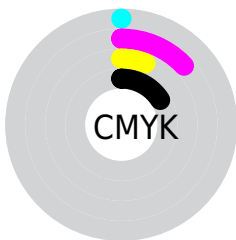
Distribution



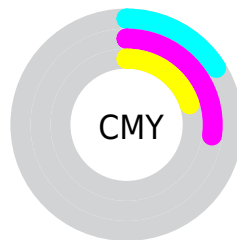
- Red (84%)
- Green (73%)
- Blue (80%)



- Red (84%)
- Yellow (73%)
- Blue (80%)



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




- Cyan (16%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2995, 0.3235, 0.3105 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 54.2995, 0.3235, 0.3105 by changing the saturation by 10% instead.

 54.2995, 0.3235,
0.3105

 54.2995, 0.3235,
0.3105

403.2511, 0.3183,
0.3194

 38.8412, 0.3247,
0.3084


 96.5139, 0.3217,
0.3137

 26.6362, 0.3263,
0.3057


124.0387, 0.3210,
0.3149

 17.3002, 0.3283,
0.3023


156.3544, 0.3204,
0.3159

 10.4487, 0.3311,
0.2976

193.8455, 0.3198,
0.3168

 5.6975, 0.3350,
0.2910

236.8963, 0.3194,
0.3176

 2.6620, 0.3410,
0.2809

285.8912, 0.3190,

 0.9579, 0.3514,

0.3182

0.2636

341.2147, 0.3186,
0.3189

0.0000, 0.5401,
0.0000

0.0000, 0.0000,
0.0000

54.2995, 0.3235,
0.3105

54.2995, 0.3235,
0.3105

45.4261, 0.3337,
0.2955

64.5692, 0.3150,
0.3248

37.8811, 0.3457,
0.2803

76.2854, 0.3079,
0.3383

31.6013, 0.3598,
0.2655

89.5042, 0.3020,
0.3509

26.5156, 0.3759,
0.2518

92.2467, 0.2970,
0.3447

■ 22.5459, 0.3939,
0.2404

■ 92.8072, 0.2920,
0.3351

■ 19.6045, 0.4134,
0.2324

■ 93.1857, 0.2889,
0.3289

■ 17.5907, 0.4336,
0.2291

■ 16.3829, 0.4537,
0.2310

■ 15.8746, 0.4674,
0.2349

Harmonies

Analogous

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



54.2995, 0.3054, 0.3014



54.2995, 0.3235, 0.3105



54.2995, 0.3390, 0.3242

Triad

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



54.2995, 0.3235, 0.3105



54.2995, 0.3357, 0.3599



54.2995, 0.2793, 0.3169

Complementary

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



54.2995, 0.3235, 0.3105



63.2851, 0.3032, 0.3483

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.



54.2995, 0.2869, 0.3331



54.2995, 0.3235, 0.3105



54.2995, 0.3193, 0.3586

Square

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



54.2995, 0.3235, 0.3105



54.2995, 0.3461, 0.3527



54.2995, 0.3014, 0.3487



54.2995, 0.2803, 0.3046

Rectangle

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



54.2995, 0.3235, 0.3105



54.2995, 0.3456, 0.3345



54.2995, 0.3014, 0.3487



54.2995, 0.2809, 0.3220

Sweetspot

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



54.3019, 0.3235, 0.3105



93.3858, 0.3158, 0.3234



52.5463, 0.3012, 0.2958



19.7305, 0.3164, 0.3223



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.



54.3019, 0.3235, 0.3105



75.6001, 0.3265, 0.3059



53.6784, 0.3345, 0.3263



12.5386, 0.3203, 0.3157



9.5174, 0.4646, 0.2333



0.5905, 0.4331, 0.2160

Inverse Universe

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



54.3019, 0.3235, 0.3105



75.6001, 0.3265, 0.3059



63.9489, 0.2944, 0.3317



12.5386, 0.3203, 0.3157



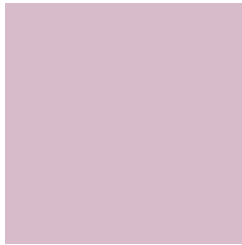
9.5174, 0.4646, 0.2333



0.5905, 0.4331, 0.2160

Previews

White Background



This preview shows how the Yxy color 54.2995, 0.3235, 0.3105 looks on a white background.

Color Contrast Check

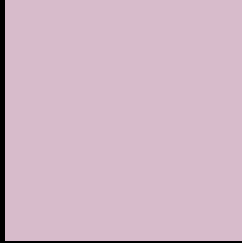
Large Text (above 18pt) WCAG AA × Fail

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 54.2995, 0.3235, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

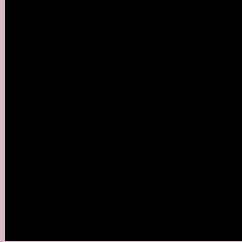
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2995, 0.3235, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 54.2995, 0.3235, 0.3105.



This preview shows how white text looks on a background with the Yxy color 54.2995, 0.3235, 0.3105.

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

54.2995, 0.3235, 0.3105

Protanopia

54.6907, 0.3040, 0.3133

Deuteranopia

54.4086, 0.3192, 0.3126



Tritanopia

54.2520, 0.3243, 0.3116

Trichromacy



Original Color

54.2995, 0.3235, 0.3105

Protanomaly

54.2744, 0.3103, 0.3112

Deuteranomaly

54.2753, 0.3209, 0.3115

Tritanomaly

54.2520, 0.3243, 0.3116

Monochromacy



Original Color

54.2995, 0.3235, 0.3105

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1008, 0.3171, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2995, 0.3235, 0.3105 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(215, 187, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 187, 203)  
}
```

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(215, 187, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 187, 203) }
```

Border

The CSS property to change the border of an element to Yxy 54.2995, 0.3235, 0.3105 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(215, 187, 203) }
```

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

```
.border{ border-color:rgb(215, 187, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 187, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 187, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 187, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 187,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2995, 0.3235, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 187, 203) }
```

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

```
.background{ background-color: rgb(215,  
187, 203) }
```

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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