

Converting Colors

$Y_{xy}(55.1709, 0.3496, 0.3396)$

Have a look what the booklet for
Yxy(55.1709, 0.3496, 0.3396)
contains.

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Color

Yxy(54.9091, 0.3497, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	DFBCB3
RGB	223, 188, 179
RGB Percent	87%, 74%, 70%
CMY	0.1254, 0.2628, 0.2980
CMYK	0.00, 0.16, 0.20, 0.13
HSL	12°, 41%, 79%
HSV	12°, 20%, 87%
XYZ	56.5588, 54.9091, 50.2673
YIQ	197.4390, 23.7490, 4.6210

Conversions

Conversions Part 2

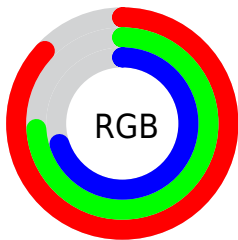
Format	Color
R _Y B	223, 190, 179
Decimal	14662835
CIE Lab	78.99, 11.12, 9.20
CIE LCh	79, 14.433, 39.597
Yxy	54.9091, 0.3497, 0.3395
Android (android.graphics.Color)	4292852915 (0xFFDFBCB3)
YUV	197.4390, -9.0904, 22.4170
Hunter-Lab	74.1007, 6.5675, 11.6502

Details

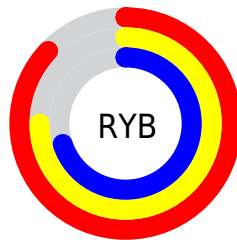
The Yxy color **54.9091, 0.3497, 0.3395** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0289, 0.2826, 0.3182**, and the grayscale version is **56.1625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9595, 0.3254, 0.3378**, and **27.0498, 0.3596, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **46.9581, 0.3744, 0.3452**, and if you desaturate by 10%, it is **63.9437, 0.3292, 0.3340**.

Distribution



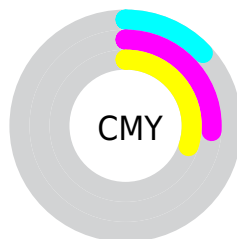
- Red (87%)
- Green (74%)
- Blue (70%)



- Red (87%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9091, 0.3497, 0.3395 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 54.9091, 0.3497, 0.3395 by changing the saturation by 10% instead.


 54.9091, 0.3497,
0.3395

 54.9091, 0.3497,
0.3395


405.5673, 0.3316,
0.3347

 39.3289, 0.3541,
0.3406


 97.4078, 0.3432,
0.3378

 27.0157, 0.3597,
0.3419


125.0951, 0.3407,
0.3372

 17.5850, 0.3671,
0.3436


157.5869, 0.3386,
0.3366

 10.6525, 0.3771,
0.3457

195.2676, 0.3368,
0.3361

 5.8337, 0.3916,
0.3485

238.5216, 0.3353,
0.3357

 2.7442, 0.4144,
0.3522

287.7332, 0.3339,

 0.9997, 0.4698,

0.3353

343.2870, 0.3327,
0.3350

0.3681

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9091, 0.3497,
0.3395

54.9091, 0.3497,
0.3395

46.9581, 0.3744,
0.3452

63.9437, 0.3292,
0.3340

40.0426, 0.4038,
0.3509

74.0931, 0.3123,
0.3289

34.1216, 0.4382,
0.3560

85.3961, 0.2983,
0.3241

29.1489, 0.4770,
0.3598

94.4330, 0.2935,
0.3289

■ 25.0743, 0.5184,
0.3615

■ 21.8426, 0.5587,
0.3600

■ 19.3925, 0.5932,
0.3549

■ 17.6479, 0.6181,
0.3472

■ 17.6108, 0.6187,
0.3470

Harmonies

Analogous

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



54.9091, 0.3403, 0.3231



54.9091, 0.3497, 0.3395



54.9091, 0.3488, 0.3538

Triad

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



54.9091, 0.3497, 0.3395



54.9091, 0.3014, 0.3508



54.9091, 0.2874, 0.2971

Complementary

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



54.9091, 0.3497, 0.3395



63.0289, 0.2826, 0.3182

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.



54.9091, 0.2778, 0.3033



54.9091, 0.3497, 0.3395



54.9091, 0.2857, 0.3342

Square

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



54.9091, 0.3497, 0.3395



54.9091, 0.3206, 0.3611



54.9091, 0.2771, 0.3167



54.9091, 0.3040, 0.2992

Rectangle

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



54.9091, 0.3497, 0.3395



54.9091, 0.3425, 0.3601



54.9091, 0.2771, 0.3167



54.9091, 0.2833, 0.2983

Sweetspot

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



54.9116, 0.3497, 0.3395



91.5291, 0.3226, 0.3321



52.8019, 0.3220, 0.2895



19.4009, 0.3238, 0.3324



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.



54.9116, 0.3497, 0.3395



69.4306, 0.3601, 0.3420



64.9542, 0.3450, 0.3639



14.1515, 0.3287, 0.3339



10.4813, 0.6164, 0.3488



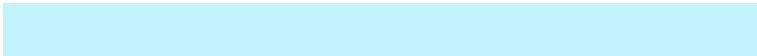
0.8541, 0.5871, 0.3721

Inverse Universe

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



63.0289, 0.2826, 0.3182



82.4685, 0.2761, 0.3156



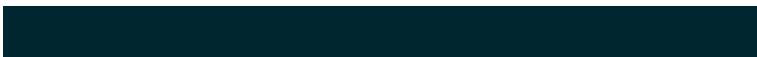
52.7067, 0.2810, 0.2914



15.0722, 0.2982, 0.3241



21.8971, 0.2062, 0.2623



1.6393, 0.2094, 0.2737

Previews

White Background



This preview shows how the Yxy color 54.9091, 0.3497, 0.3395 looks on a white background.

Color Contrast Check

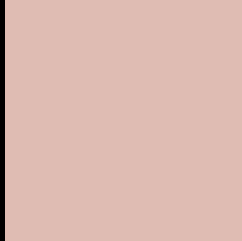
Large Text (above 18pt) WCAG AA × Fail

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 54.9091, 0.3497, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

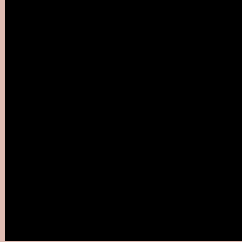
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9091, 0.3497, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 54.9091, 0.3497, 0.3395.



This preview shows how white text looks on a background with the Yxy color 54.9091, 0.3497, 0.3395.

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

54.9091, 0.3497, 0.3395

Protanopia

55.0057, 0.3275, 0.3436

Deuteranopia

55.0220, 0.3477, 0.3407



Tritanopia

54.9902, 0.3362, 0.3132

Trichromacy



Original Color

54.9091, 0.3497, 0.3395

Protanomaly

54.7783, 0.3354, 0.3410

Deuteranomaly

55.1795, 0.3486, 0.3407

Tritanomaly

54.9311, 0.3410, 0.3222

Monochromacy



Original Color

54.9091, 0.3497, 0.3395

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4231, 0.3255, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9091, 0.3497, 0.3395 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(223, 188, 179)` looks like.

```
.text, #text, p{  
    color:rgb(223, 188, 179)  
}
```

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(223, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 188, 179) }
```

Border

The CSS property to change the border of an element to Yxy 54.9091, 0.3497, 0.3395 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(223, 188, 179) }
```

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

```
.border{ border-color:rgb(223, 188, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 188, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(223, 188,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9091, 0.3497, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 188, 179) }
```

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

```
.background{ background-color: rgb(223,  
188, 179) }
```

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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