

Converting Colors

Yxy(56.9999, 0.3286, 0.3204)

Have a look what the booklet for
Yxy(56.9999, 0.3286, 0.3204)
contains.

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Color

Yxy(56.9295, 0.3286, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	DBC0C8
RGB	219, 192, 200
RGB Percent	86%, 75%, 78%
CMY	0.1414, 0.2470, 0.2157
CMYK	0.00, 0.12, 0.09, 0.14
HSL	342°, 27%, 81%
HSV	342°, 12%, 86%
XYZ	58.4778, 56.9295, 62.5530
YIQ	200.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

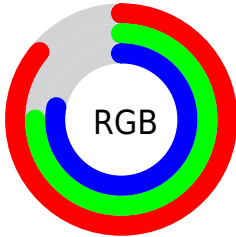
Format	Color
R _Y B	219, 192, 200
Decimal	14401736
CIE Lab	80.14, 10.86, -0.50
CIE LCh	80, 10.875, 357.347
Yxy	56.9295, 0.3286, 0.3199
Android (android.graphics.Color)	4292591816 (0xFFDBC0C8)
YUV	200.9850, -0.4856, 15.7992
Hunter-Lab	75.4516, 6.3036, 3.6619

Details

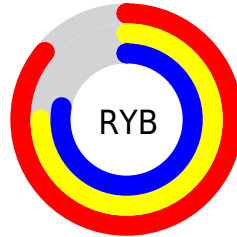
The Yxy color **56.9295, 0.3286, 0.3199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5485, 0.2990, 0.3383**, and the grayscale version is **58.3943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **28.4331, 0.3330, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **47.3357, 0.3448, 0.3120**, and if you desaturate by 10%, it is **68.0313, 0.3154, 0.3274**.

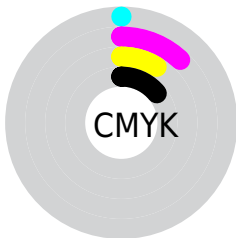
Distribution



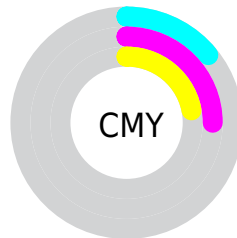
- Red (86%)
- Green (75%)
- Blue (78%)



- Red (86%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9295, 0.3286, 0.3199 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 56.9295, 0.3286, 0.3199 by changing the saturation by 10% instead.


 56.9295, 0.3286,
0.3199

 56.9295, 0.3286,
0.3199

413.1851, 0.3209,
0.3243

 40.9486, 0.3304,
0.3188


 100.3623, 0.3259,
0.3215

 28.2790, 0.3328,
0.3175


128.5831, 0.3248,
0.3221

 18.5360, 0.3358,
0.3158


161.6525, 0.3239,
0.3226

 11.3355, 0.3399,
0.3135

199.9552, 0.3232,
0.3230

 6.2930, 0.3458,
0.3101

243.8754, 0.3225,
0.3234

 3.0240, 0.3548,
0.3050

293.7975, 0.3219,

 1.1443, 0.3708,

0.3237

0.2960

350.1059, 0.3214,
0.3240

0.0155, 0.8056,
0.0446

0.0000, 0.0000,
0.0000

56.9295, 0.3286,
0.3199

56.9295, 0.3286,
0.3199

47.3357, 0.3448,
0.3120

68.0313, 0.3154,
0.3274

39.1773, 0.3647,
0.3039

80.6945, 0.3046,
0.3343

32.3868, 0.3887,
0.2960

93.2397, 0.2958,
0.3379

26.8887, 0.4171,
0.2890

93.7925, 0.2911,
0.3289

■ 22.5997, 0.4499,
0.2838

■ 19.4268, 0.4859,
0.2815

■ 17.2635, 0.5227,
0.2833

■ 15.9818, 0.5571,
0.2898

■ 15.4332, 0.5802,
0.2970

Harmonies

Analogous

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



56.9295, 0.3148, 0.3102



56.9295, 0.3286, 0.3199



56.9295, 0.3382, 0.3320

Triad

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



56.9295, 0.3286, 0.3199



56.9295, 0.3243, 0.3539



56.9295, 0.2855, 0.3135

Complementary

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



56.9295, 0.3286, 0.3199



66.5485, 0.2990, 0.3383

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.



56.9295, 0.2879, 0.3251



56.9295, 0.3286, 0.3199



56.9295, 0.3101, 0.3489

Square

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



56.9295, 0.3286, 0.3199



56.9295, 0.3356, 0.3518



56.9295, 0.2968, 0.3382



56.9295, 0.2901, 0.3063

Rectangle

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



56.9295, 0.3286, 0.3199



56.9295, 0.3408, 0.3400



56.9295, 0.2968, 0.3382



56.9295, 0.2855, 0.3170

Sweetspot

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



56.9320, 0.3286, 0.3199



93.2103, 0.3175, 0.3261



56.6510, 0.3078, 0.2982



19.6861, 0.3184, 0.3255



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.



56.9320, 0.3286, 0.3199



76.3634, 0.3329, 0.3177



58.9774, 0.3341, 0.3353



13.1147, 0.3245, 0.3221



9.1726, 0.5764, 0.2949



0.6092, 0.5295, 0.2691

Inverse Universe

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



56.9320, 0.3286, 0.3199



76.3634, 0.3329, 0.3177



64.1948, 0.2938, 0.3227



13.1147, 0.3245, 0.3221



9.1726, 0.5764, 0.2949



0.6092, 0.5295, 0.2691

Previews

White Background



This preview shows how the Yxy color 56.9295, 0.3286, 0.3199 looks on a white background.

Color Contrast Check

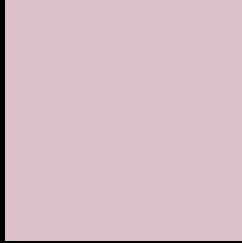
Large Text (above 18pt) WCAG AA × Fail

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 56.9295, 0.3286, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

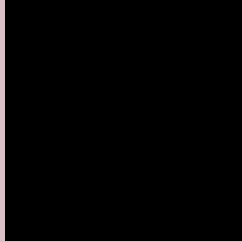
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9295, 0.3286, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 56.9295, 0.3286, 0.3199.



This preview shows how white text looks on a background with the Yxy color 56.9295, 0.3286, 0.3199.

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

56.9295, 0.3286, 0.3199

Protanopia

57.1175, 0.3114, 0.3231

Deuteranopia

57.0618, 0.3269, 0.3210



Tritanopia

56.9335, 0.3249, 0.3120

Trichromacy



Original Color

56.9295, 0.3286, 0.3199

Protanomaly

57.1540, 0.3178, 0.3220

Deuteranomaly

57.2155, 0.3277, 0.3210

Tritanomaly

56.8369, 0.3265, 0.3142

Monochromacy



Original Color

56.9295, 0.3286, 0.3199

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0151, 0.3184, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9295, 0.3286, 0.3199 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(219, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 192, 200)  
}
```

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(219, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 192, 200) }
```

Border

The CSS property to change the border of an element to Yxy 56.9295, 0.3286, 0.3199 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(219, 192, 200) }
```

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

```
.border{ border-color:rgb(219, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 192,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9295, 0.3286, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 192, 200) }
```

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

```
.background{ background-color: rgb(219,  
192, 200) }
```

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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