

Converting Colors

Yxy(56.1346, 0.3376, 0.3347)

Have a look what the booklet for
Yxy(56.1346, 0.3376, 0.3347)
contains.

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Color

Yxy(56.1926, 0.3381, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	DAC0BB
RGB	218, 192, 187
RGB Percent	85%, 75%, 73%
CMY	0.1451, 0.2470, 0.2667
CMYK	0.00, 0.12, 0.14, 0.15
HSL	10°, 30%, 79%
HSV	10°, 14%, 85%
XYZ	56.7295, 56.1926, 54.8671
YIQ	199.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

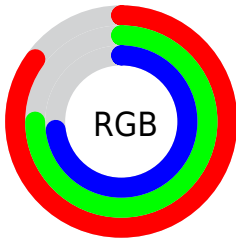
Format	Color
R _{YB}	218, 193, 187
Decimal	14336187
CIE Lab	79.72, 8.38, 5.89
CIE LCh	80, 10.240, 35.096
Yxy	56.1926, 0.3381, 0.3349
Android (android.graphics.Color)	4292526267 (0xFFDAC0BB)
YUV	199.2040, -6.0166, 16.4841
Hunter-Lab	74.9617, 3.9022, 9.0768

Details

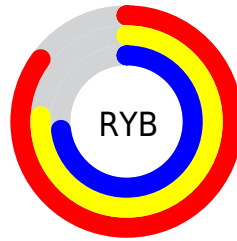
The Yxy color **56.1926, 0.3381, 0.3349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2012, 0.2910, 0.3230**, and the grayscale version is **57.2749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8659, 0.3202, 0.3338**, and **27.9730, 0.3448, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **47.7985, 0.3607, 0.3394**, and if you desaturate by 10%, it is **65.7297, 0.3195, 0.3307**.

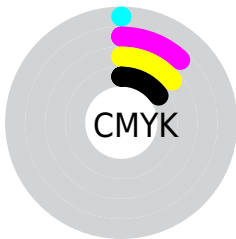
Distribution



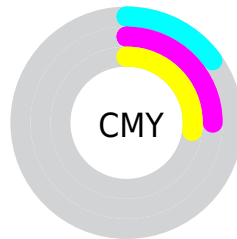
- Red (85%)
- Green (75%)
- Blue (73%)



- Red (85%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1926, 0.3381, 0.3349 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 56.1926, 0.3381, 0.3349 by changing the saturation by 10% instead.


 56.1926, 0.3381,
0.3349

 56.1926, 0.3381,
0.3349


410.4169, 0.3257,
0.3322

 40.3574, 0.3411,
0.3355


 99.2861, 0.3337,
0.3340

 27.8173, 0.3449,
0.3363


127.3132, 0.3320,
0.3336

 18.1880, 0.3498,
0.3373


160.1730, 0.3306,
0.3333

 11.0850, 0.3566,
0.3385

198.2500, 0.3293,
0.3330

 6.1241, 0.3664,
0.3402

241.9284, 0.3283,
0.3327

 2.9207, 0.3816,
0.3425

291.5928, 0.3273,

 1.0905, 0.4106,

0.3325

0.3472

347.6275, 0.3265,
0.3323

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1926, 0.3381,
0.3349

56.1926, 0.3381,
0.3349

47.7985, 0.3607,
0.3394

65.7297, 0.3195,
0.3307

40.4970, 0.3881,
0.3439

76.4426, 0.3043,
0.3268

34.2454, 0.4207,
0.3483

88.3723, 0.2917,
0.3232

28.9950, 0.4586,
0.3519

93.6436, 0.2906,
0.3289

■ 24.6932, 0.5006,
0.3541

■ 21.2829, 0.5436,
0.3541

■ 18.7002, 0.5829,
0.3511

■ 16.8727, 0.6129,
0.3453

■ 16.1215, 0.6254,
0.3416

Harmonies

Analogous

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



56.1926, 0.3306, 0.3232



56.1926, 0.3381, 0.3349



56.1926, 0.3386, 0.3453

Triad

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



56.1926, 0.3381, 0.3349



56.1926, 0.3068, 0.3456



56.1926, 0.2935, 0.3067

Complementary

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



56.1926, 0.3381, 0.3349



63.2012, 0.2910, 0.3230

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.



56.1926, 0.2874, 0.3121



56.1926, 0.3381, 0.3349



56.1926, 0.2950, 0.3346

Square

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



56.1926, 0.3381, 0.3349



56.1926, 0.3204, 0.3519



56.1926, 0.2880, 0.3222



56.1926, 0.3047, 0.3072

Rectangle

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



56.1926, 0.3381, 0.3349



56.1926, 0.3350, 0.3502



56.1926, 0.2880, 0.3222



56.1926, 0.2908, 0.3079

Sweetspot

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



56.1951, 0.3381, 0.3349



94.0261, 0.3192, 0.3306



55.2640, 0.3179, 0.2991



19.8916, 0.3205, 0.3309



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.



56.1951, 0.3381, 0.3349



76.4834, 0.3443, 0.3362



63.1854, 0.3356, 0.3521



13.3901, 0.3288, 0.3329



9.7630, 0.6235, 0.3431



0.7397, 0.5949, 0.3659

Inverse Universe

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



63.2012, 0.2910, 0.3230



88.2916, 0.2866, 0.3217



55.9423, 0.2904, 0.3048



14.4521, 0.2982, 0.3251



23.3894, 0.2103, 0.2769



1.6132, 0.2129, 0.2863

Previews

White Background



This preview shows how the Yxy color 56.1926, 0.3381, 0.3349 looks on a white background.

Color Contrast Check

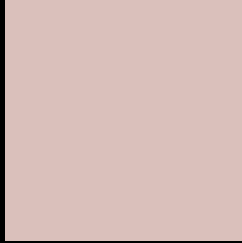
Large Text (above 18pt) WCAG AA × Fail

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 56.1926, 0.3381, 0.3349 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 56.1926, 0.3381, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 56.1926, 0.3381, 0.3349.



This preview shows how white text looks on a background with the Yxy color 56.1926, 0.3381, 0.3349.

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

56.1926, 0.3381, 0.3349

Protanopia

56.3467, 0.3227, 0.3374

Deuteranopia

56.2216, 0.3408, 0.3337



Tritanopia

55.9705, 0.3267, 0.3119

Trichromacy



Original Color

56.1926, 0.3381, 0.3349

Protanomaly

56.1142, 0.3278, 0.3362

Deuteranomaly

56.0651, 0.3400, 0.3337

Tritanomaly

55.9642, 0.3305, 0.3199

Monochromacy



Original Color

56.1926, 0.3381, 0.3349

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5418, 0.3215, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1926, 0.3381, 0.3349 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(218, 192, 187)` looks like.

```
.text, #text, p{  
    color:rgb(218, 192, 187)  
}
```

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(218, 192, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 192, 187) }
```

Border

The CSS property to change the border of an element to Yxy 56.1926, 0.3381, 0.3349 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(218, 192, 187) }
```

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

```
.border{ border-color:rgb(218, 192, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 192, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 192, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 192, 187);  
box-shadow:4px 4px 4px 4px rgb(218, 192,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1926, 0.3381, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 192, 187) }
```

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

```
.background{ background-color: rgb(218,  
192, 187) }
```

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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