

Converting Colors

$Yxy(56.3844, 0.3431, 0.3398)$

Have a look what the booklet for
Yxy(56.3844, 0.3431, 0.3398)
contains.

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Color

Yxy(56.3338, 0.3430, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	DCC0B7
RGB	220, 192, 183
RGB Percent	86%, 75%, 72%
CMY	0.1372, 0.2471, 0.2823
CMYK	0.00, 0.13, 0.17, 0.14
HSL	15°, 35%, 79%
HSV	15°, 17%, 86%
XYZ	56.9146, 56.3338, 52.6833
YIQ	199.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

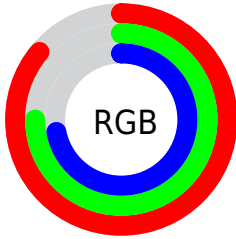
Format	Color
R _Y B	220, 195, 183
Decimal	14467255
CIE Lab	79.80, 8.49, 8.17
CIE LCh	80, 11.780, 43.884
Yxy	56.3338, 0.3430, 0.3395
Android (android.graphics.Color)	4292657335 (0xFFDCC0B7)
YUV	199.3460, -8.0586, 18.1136
Hunter-Lab	75.0558, 4.0081, 10.9222

Details

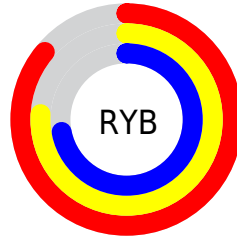
The Yxy color **56.3338, 0.3430, 0.3395** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.8369, 0.2869, 0.3183**, and the grayscale version is **57.3798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6268, 0.3226, 0.3377**, and **28.0763, 0.3515, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **48.5847, 0.3659, 0.3462**, and if you desaturate by 10%, it is **65.0591, 0.3239, 0.3331**.

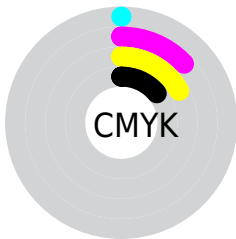
Distribution



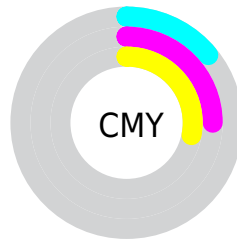
- Red (86%)
- Green (75%)
- Blue (72%)



- Red (86%)
- Yellow (76%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3338, 0.3430, 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 56.3338, 0.3430, 0.3395 by changing the saturation by 10% instead.

 56.3338, 0.3430,
0.3395

 56.3338, 0.3430,
0.3395


410.9482, 0.3282,
0.3346

 40.4706, 0.3466,
0.3406


 99.4925, 0.3377,
0.3378

 27.9057, 0.3511,
0.3420


127.5567, 0.3357,
0.3371

 18.2546, 0.3570,
0.3438


160.4568, 0.3340,
0.3366

 11.1329, 0.3651,
0.3461

198.5771, 0.3325,
0.3361

 6.1563, 0.3767,
0.3493

242.3020, 0.3313,
0.3356

 2.9404, 0.3947,
0.3537

292.0159, 0.3301,

 1.1007, 0.4325,

0.3352

0.3649

348.1032, 0.3291,
0.3349

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3338, 0.3430,
0.3395

56.3338, 0.3430,
0.3395

48.5847, 0.3659,
0.3462

65.0591, 0.3239,
0.3331

41.7700, 0.3931,
0.3530

74.7854, 0.3080,
0.3272

35.8562, 0.4250,
0.3593

85.5460, 0.2947,
0.3217

30.8049, 0.4612,
0.3646

93.9564, 0.2917,
0.3289

■ 26.5744, 0.5004,
0.3677

■ 23.1200, 0.5399,
0.3677

■ 20.3920, 0.5757,
0.3637

■ 18.3335, 0.6035,
0.3557

■ 17.8023, 0.6110,
0.3530

Harmonies

Analogous

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



56.3338, 0.3365, 0.3262



56.3338, 0.3430, 0.3395



56.3338, 0.3411, 0.3505

Triad

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



56.3338, 0.3430, 0.3395



56.3338, 0.3015, 0.3448



56.3338, 0.2939, 0.3029

Complementary

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



56.3338, 0.3430, 0.3395



61.8369, 0.2869, 0.3183

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.



56.3338, 0.2850, 0.3071



56.3338, 0.3430, 0.3395



56.3338, 0.2894, 0.3312

Square

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



56.3338, 0.3430, 0.3395



56.3338, 0.3169, 0.3540



56.3338, 0.2834, 0.3173



56.3338, 0.3079, 0.3055

Rectangle

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



56.3338, 0.3430, 0.3395



56.3338, 0.3354, 0.3549



56.3338, 0.2834, 0.3173



56.3338, 0.2902, 0.3036

Sweetspot

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



56.3363, 0.3430, 0.3395



93.2006, 0.3208, 0.3320



53.8134, 0.3214, 0.2969



19.7504, 0.3220, 0.3325



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.



56.3363, 0.3430, 0.3395



74.9296, 0.3502, 0.3417



64.7996, 0.3396, 0.3599



13.5625, 0.3286, 0.3347



10.5939, 0.6085, 0.3551



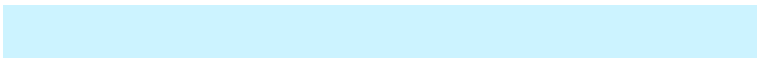
0.8213, 0.5763, 0.3806

Inverse Universe

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



61.8369, 0.2869, 0.3183



83.9275, 0.2819, 0.3159



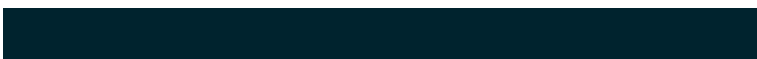
53.3251, 0.2859, 0.2961



14.2658, 0.2982, 0.3232



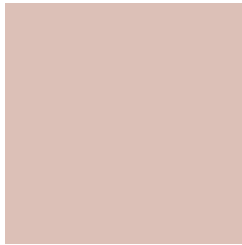
19.3423, 0.2025, 0.2489



1.3840, 0.2065, 0.2635

Previews

White Background



This preview shows how the Yxy color 56.3338, 0.3430, 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 56.3338, 0.3430, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

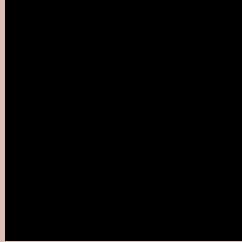
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3338, 0.3430, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 56.3338, 0.3430, 0.3395.



This preview shows how white text looks on a background with the Yxy color 56.3338, 0.3430, 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

56.3338, 0.3430, 0.3395

Protanopia

56.3150, 0.3266, 0.3423

Deuteranopia

56.3685, 0.3458, 0.3383



Tritanopia

56.4428, 0.3291, 0.3121

Trichromacy



Original Color

56.3338, 0.3430, 0.3395

Protanomaly

56.2346, 0.3325, 0.3409

Deuteranomaly

56.2101, 0.3449, 0.3383

Tritanomaly

56.3420, 0.3346, 0.3222

Monochromacy



Original Color

56.3338, 0.3430, 0.3395

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5955, 0.3238, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3338, 0.3430, 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(220, 192, 183)` looks like.

```
.text, #text, p{  
    color:rgb(220, 192, 183)  
}
```

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(220, 192, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 192, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.3338, 0.3430, 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(220, 192, 183) }
```

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

```
.border{ border-color:rgb(220, 192, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 192, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 192, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 192, 183); box-shadow:4px 4px 4px 4px rgb(220, 192, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3338, 0.3430, 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(220, 192, 183) }
```

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

```
.background{ background-color: rgb(220,  
192, 183) }
```

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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