

Converting Colors

$Y_{xy}(56.7845, 0.3415, 0.3250)$

Have a look what the booklet for
Yxy(56.7845, 0.3415, 0.3250)
contains.

Yxy(56.5763, 0.3413, 0.3246)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.5763, 0.3413, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	E3BDC1
RGB	227, 189, 193
RGB Percent	89%, 74%, 76%
CMY	0.1100, 0.2587, 0.2432
CMYK	0.00, 0.17, 0.15, 0.11
HSL	354°, 40%, 82%
HSV	354°, 17%, 89%
XYZ	59.4870, 56.5763, 58.2321
YIQ	200.8180, 21.3640, 9.3000

Conversions

Conversions Part 2

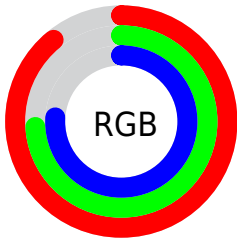
Format	Color
R _Y B	227, 189, 193
Decimal	14925249
CIE Lab	79.94, 14.15, 3.07
CIE LCh	80, 14.484, 12.249
Yxy	56.5763, 0.3413, 0.3246
Android (android.graphics.Color)	4293115329 (0xFFE3BDC1)
YUV	200.8180, -3.8543, 22.9616
Hunter-Lab	75.2172, 9.5401, 6.7506

Details

The Yxy color **56.5763, 0.3413, 0.3246** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0549, 0.2899, 0.3335**, and the grayscale version is **58.3026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4044, 0.3168, 0.3252**, and **28.1597, 0.3481, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **46.7200, 0.3641, 0.3218**, and if you desaturate by 10%, it is **68.0899, 0.3229, 0.3273**.

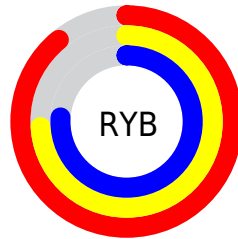
Distribution



Red (89%)

Green (74%)

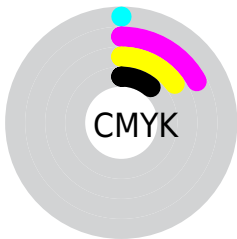
Blue (76%)



Red (89%)

Yellow (74%)

Blue (76%)

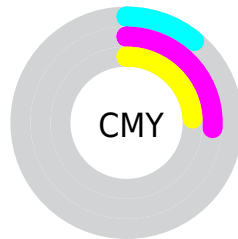


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5763, 0.3413, 0.3246 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 56.5763, 0.3413, 0.3246 by changing the saturation by 10% instead.

 56.5763, 0.3413,
0.3246

 56.5763, 0.3413,
0.3246


411.8597, 0.3274,
0.3268

 40.6652, 0.3447,
0.3240


 99.8467, 0.3363,
0.3254

 28.0575, 0.3489,
0.3233


127.9747, 0.3345,
0.3257

 18.3690, 0.3544,
0.3223


160.9439, 0.3328,
0.3260

 11.2153, 0.3620,
0.3209

199.1385, 0.3315,
0.3262

 6.2118, 0.3728,
0.3189

242.9430, 0.3302,
0.3264

 2.9743, 0.3897,
0.3154

292.7418, 0.3292,

 1.1183, 0.4197,

0.3266

0.3088

348.9192, 0.3282,
0.3267

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5763, 0.3413,
0.3246

56.5763, 0.3413,
0.3246

46.7200, 0.3641,
0.3218

68.0899, 0.3229,
0.3273

38.4376, 0.3923,
0.3190

81.3243, 0.3082,
0.3298

31.6498, 0.4265,
0.3165

94.9943, 0.2963,
0.3300

26.2673, 0.4667,
0.3146

95.0613, 0.2958,
0.3290

■ 22.1916, 0.5111,
0.3140

■ 19.3109, 0.5559,
0.3151

■ 17.4953, 0.5952,
0.3183

■ 16.5795, 0.6230,
0.3230

■ 16.3861, 0.6296,
0.3242

Harmonies

Analogous

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



56.5763, 0.3250, 0.3099



56.5763, 0.3413, 0.3246



56.5763, 0.3498, 0.3408

Triad

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



56.5763, 0.3413, 0.3246



56.5763, 0.3188, 0.3603



56.5763, 0.2785, 0.3026

Complementary

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



56.5763, 0.3413, 0.3246



71.0549, 0.2899, 0.3335

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.



56.5763, 0.2770, 0.3153



56.5763, 0.3413, 0.3246



56.5763, 0.2999, 0.3494

Square

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



56.5763, 0.3413, 0.3246



56.5763, 0.3365, 0.3621



56.5763, 0.2847, 0.3326



56.5763, 0.2888, 0.2972

Rectangle

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



56.5763, 0.3413, 0.3246



56.5763, 0.3498, 0.3506



56.5763, 0.2847, 0.3326



56.5763, 0.2769, 0.3061

Sweetspot

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



56.5788, 0.3413, 0.3246



91.4195, 0.3203, 0.3277



57.5619, 0.3112, 0.2873



19.3193, 0.3214, 0.3275



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.



56.5788, 0.3413, 0.3246



69.0657, 0.3486, 0.3236



62.9744, 0.3419, 0.3454



13.7237, 0.3276, 0.3266



9.2693, 0.6273, 0.3229



0.6505, 0.5974, 0.3064

Inverse Universe

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



56.5788, 0.3413, 0.3246



69.0657, 0.3486, 0.3236



63.6565, 0.2868, 0.3121



13.7237, 0.3276, 0.3266



9.2693, 0.6273, 0.3229



0.6505, 0.5974, 0.3064

Previews

White Background



This preview shows how the Yxy color 56.5763, 0.3413, 0.3246 looks on a white background.

Color Contrast Check

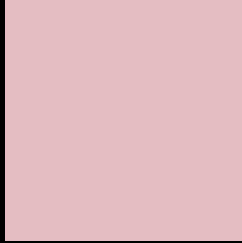
Large Text (above 18pt) WCAG AA × Fail

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 56.5763, 0.3413, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

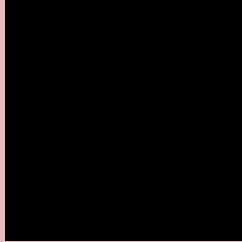
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5763, 0.3413, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 56.5763, 0.3413, 0.3246.



This preview shows how white text looks on a background with the Yxy color 56.5763, 0.3413, 0.3246.

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

56.5763, 0.3413, 0.3246

Protanopia

56.5663, 0.3159, 0.3278

Deuteranopia

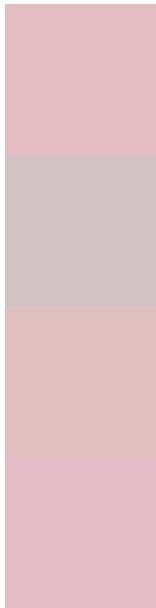
56.7207, 0.3358, 0.3291



Tritanopia

56.7247, 0.3350, 0.3134

Trichromacy



Original Color

56.5763, 0.3413, 0.3246

Protanomaly

56.4180, 0.3250, 0.3267

Deuteranomaly

56.7553, 0.3385, 0.3279

Tritanomaly

56.5839, 0.3375, 0.3167

Monochromacy



Original Color

56.5763, 0.3413, 0.3246

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7114, 0.3223, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5763, 0.3413, 0.3246 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(227, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 193)  
}
```

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(227, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.5763, 0.3413, 0.3246 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(227, 189, 193) }
```

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

```
.border{ border-color:rgb(227, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 189, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 189, 193); box-shadow:4px 4px 4px 4px rgb(227, 189, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5763, 0.3413, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 193) }
```

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

```
.background{ background-color: rgb(227,  
189, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor