

Converting Colors

Yxy(58.4189, 0.3601, 0.3435)

Have a look what the booklet for
Yxy(58.4189, 0.3601, 0.3435)
contains.

Yxy(58.3088, 0.3610, 0.3436)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.3088, 0.3610, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	ECBFB2
RGB	236, 191, 178
RGB Percent	93%, 75%, 70%
CMY	0.0744, 0.2510, 0.3021
CMYK	0.00, 0.19, 0.25, 0.07
HSL	13°, 60%, 81%
HSV	13°, 25%, 93%
XYZ	61.2616, 58.3088, 50.1293
YIQ	202.9730, 30.9930, 5.4970

Conversions

Conversions Part 2

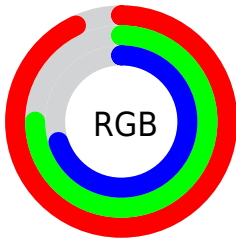
Format	Color
R_{YB}	236, 195, 178
Decimal	15515570
CIE _{Lab}	80.91, 14.19, 12.65
CIE _{LCh}	81, 19.010, 41.730
Yxy	58.3088, 0.3610, 0.3436
Android (android.graphics.Color)	4293705650 (0xFFECCBF2)
YUV	202.9730, -12.3117, 28.9647
Hunter-Lab	76.3602, 9.5750, 14.5292

Details

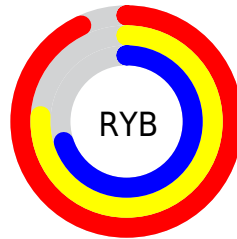
The Yxy color **58.3088, 0.3610, 0.3436** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2903, 0.2752, 0.3139**, and the grayscale version is **59.7687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7220, 0.3257, 0.3417**, and **28.9557, 0.3739, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **49.9525, 0.3877, 0.3499**, and if you desaturate by 10%, it is **67.8314, 0.3387, 0.3374**.

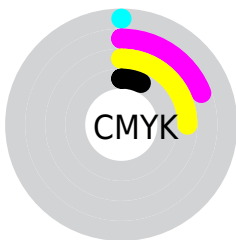
Distribution



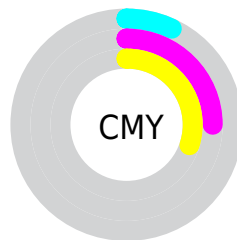
- Red (93%)
- Green (75%)
- Blue (70%)



- Red (93%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (7%)




- Cyan (7%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3088, 0.3610, 0.3436 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 58.3088, 0.3610, 0.3436 by changing the saturation by 10% instead.


 58.3088, 0.3610,
0.3436

 58.3088, 0.3610,
0.3436


418.3356, 0.3376,
0.3370

 42.0570, 0.3666,
0.3450


 102.3724, 0.3526,
0.3414

 29.1459, 0.3738,
0.3468


130.9530, 0.3495,
0.3405

 19.1912, 0.3830,
0.3489


164.4119, 0.3467,
0.3397

 11.8085, 0.3955,
0.3515

203.1335, 0.3444,
0.3390

 6.6134, 0.4133,
0.3548

247.5023, 0.3424,
0.3385

 3.2215, 0.4405,
0.3587

297.9027, 0.3406,

 1.2485, 0.4998,

0.3379

0.3720

354.7190, 0.3390,
0.3375

0.1008, 0.8144,
0.1856

0.0000, 0.0000,
0.0000

58.3088, 0.3610,
0.3436

58.3088, 0.3610,
0.3436

49.9525, 0.3877,
0.3499

67.8314, 0.3387,
0.3374

42.7093, 0.4192,
0.3559

78.5547, 0.3201,
0.3316

36.5341, 0.4554,
0.3610

90.5218, 0.3048,
0.3261

31.3752, 0.4951,
0.3643

96.5766, 0.3011,
0.3290

■ 27.1766, 0.5358,
0.3647

■ 23.8766, 0.5734,
0.3614

■ 21.4053, 0.6030,
0.3542

■ 20.3805, 0.6153,
0.3496

Harmonies

Analogous

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



58.3088, 0.3496, 0.3228



58.3088, 0.3610, 0.3436



58.3088, 0.3588, 0.3617

Triad

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



58.3088, 0.3610, 0.3436



58.3088, 0.2964, 0.3560



58.3088, 0.2814, 0.2880

Complementary

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



58.3088, 0.3610, 0.3436



68.2903, 0.2752, 0.3139

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.



58.3088, 0.2684, 0.2948



58.3088, 0.3610, 0.3436



58.3088, 0.2768, 0.3339

Square

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



58.3088, 0.3610, 0.3436



58.3088, 0.3209, 0.3702



58.3088, 0.2668, 0.3113



58.3088, 0.3031, 0.2916

Rectangle

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



58.3088, 0.3610, 0.3436



58.3088, 0.3500, 0.3697



58.3088, 0.2668, 0.3113



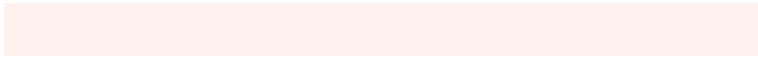
58.3088, 0.2760, 0.2891

Sweetspot

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



58.3115, 0.3610, 0.3436



90.3864, 0.3243, 0.3329



55.0175, 0.3255, 0.2803



19.1763, 0.3254, 0.3333



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.



58.3115, 0.3610, 0.3436



63.8257, 0.3752, 0.3471



72.0129, 0.3538, 0.3740



15.6023, 0.3287, 0.3344



11.3906, 0.6128, 0.3517



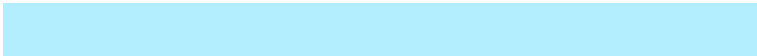
1.0353, 0.5863, 0.3726

Inverse Universe

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



68.2903, 0.2752, 0.3139



77.7943, 0.2672, 0.3100



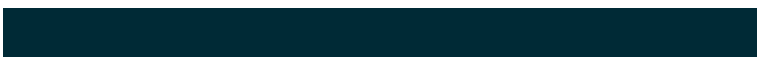
54.2891, 0.2723, 0.2795



16.5150, 0.2981, 0.3236



22.2157, 0.2042, 0.2551



1.8850, 0.2074, 0.2665

Previews

White Background



This preview shows how the Yxy color 58.3088, 0.3610, 0.3436 looks on a white background.

Color Contrast Check

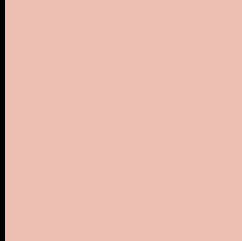
Large Text (above 18pt) WCAG AA × Fail

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 58.3088, 0.3610, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

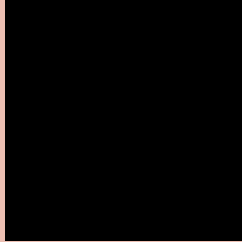
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3088, 0.3610, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 58.3088, 0.3610, 0.3436.



This preview shows how white text looks on a background with the Yxy color 58.3088, 0.3610, 0.3436.

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

58.3088, 0.3610, 0.3436

Protanopia

58.2828, 0.3325, 0.3492

Deuteranopia

58.4159, 0.3551, 0.3484



Tritanopia

58.1556, 0.3444, 0.3128

Trichromacy



Original Color

58.3088, 0.3610, 0.3436

Protanomaly

58.3288, 0.3428, 0.3476

Deuteranomaly

58.4701, 0.3579, 0.3471

Tritanomaly

57.9938, 0.3508, 0.3236

Monochromacy



Original Color

58.3088, 0.3610, 0.3436

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1890, 0.3292, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3088, 0.3610, 0.3436 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(236, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(236, 191, 178)  
}
```

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(236, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 191, 178) }
```

Border

The CSS property to change the border of an element to Yxy 58.3088, 0.3610, 0.3436 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(236, 191, 178) }
```

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

```
.border{ border-color:rgb(236, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 191, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 191, 178); box-shadow:4px 4px 4px 4px rgb(236, 191, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3088, 0.3610, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 191, 178) }
```

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

```
.background{ background-color: rgb(236,  
191, 178) }
```

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