

Converting Colors

Yxy(58.6553, 0.3604, 0.3403)

Have a look what the booklet for
Yxy(58.6553, 0.3604, 0.3403)
contains.

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Color

Yxy(58.7749, 0.3602, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	EEBFB5
RGB	238, 191, 181
RGB Percent	93%, 75%, 71%
CMY	0.0666, 0.2510, 0.2903
CMYK	0.00, 0.20, 0.24, 0.07
HSL	11°, 63%, 82%
HSV	11°, 24%, 93%
XYZ	62.2302, 58.7749, 51.7606
YIQ	203.9130, 31.2220, 6.8540

Conversions

Conversions Part 2

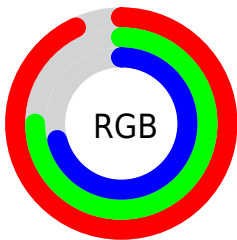
Format	Color
R _Y B	238, 193, 181
Decimal	15646645
CIE Lab	81.17, 15.34, 11.44
CIE LCh	81, 19.137, 36.712
Yxy	58.7749, 0.3602, 0.3402
Android (android.graphics.Color)	4293836725 (0xFFEEBFB5)
YUV	203.9130, -11.2961, 29.8943
Hunter-Lab	76.6648, 10.7283, 13.6354

Details

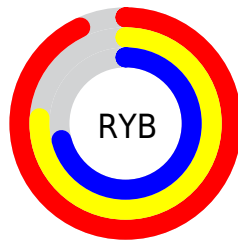
The Yxy color **58.7749, 0.3602, 0.3402** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4616, 0.2764, 0.3175**, and the grayscale version is **60.3842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8960, 0.3239, 0.3387**, and **29.2736, 0.3728, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **49.8938, 0.3874, 0.3452**, and if you desaturate by 10%, it is **68.9736, 0.3377, 0.3353**.

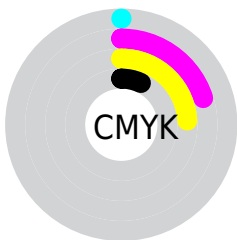
Distribution



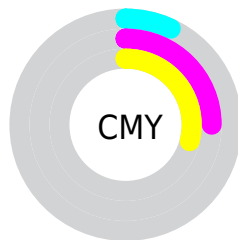
- Red (93%)
- Green (75%)
- Blue (71%)



- Red (93%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7749, 0.3602, 0.3402 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 58.7749, 0.3602, 0.3402 by changing the saturation by 10% instead.


 58.7749, 0.3602,
0.3402

 58.7749, 0.3602,
0.3402


420.0672, 0.3372,
0.3353

 42.4319, 0.3657,
0.3413


 103.0504, 0.3520,
0.3385

 29.4397, 0.3727,
0.3425


131.7518, 0.3489,
0.3379

 19.4137, 0.3818,
0.3440


165.3414, 0.3462,
0.3373

 11.9696, 0.3940,
0.3459

204.2037, 0.3439,
0.3368

 6.7230, 0.4115,
0.3480

248.7230, 0.3419,
0.3363

 3.2895, 0.4381,
0.3504

299.2838, 0.3401,

 1.2847, 0.4910,

0.3359

0.3571

356.2704, 0.3386,
0.3356

0.1293, 0.7937,
0.2063

0.0000, 0.0000,
0.0000

58.7749, 0.3602,
0.3402

58.7749, 0.3602,
0.3402

49.8938, 0.3874,
0.3452

68.9736, 0.3377,
0.3353

42.2686, 0.4199,
0.3499

80.5322, 0.3191,
0.3307

35.8444, 0.4574,
0.3539

93.5015, 0.3039,
0.3265

30.5594, 0.4990,
0.3564

96.9187, 0.3023,
0.3290

■ 26.3461, 0.5417,
0.3564

■ 23.1295, 0.5808,
0.3534

■ 20.8245, 0.6109,
0.3471

■ 19.8275, 0.6239,
0.3428

Harmonies

Analogous

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



58.7749, 0.3467, 0.3193



58.7749, 0.3602, 0.3402



58.7749, 0.3603, 0.3592

Triad

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



58.7749, 0.3602, 0.3402



58.7749, 0.3002, 0.3592



58.7749, 0.2784, 0.2883

Complementary

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



58.7749, 0.3602, 0.3402



71.4616, 0.2764, 0.3175

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.



58.7749, 0.2671, 0.2969



58.7749, 0.3602, 0.3402



58.7749, 0.2794, 0.3379

Square

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



58.7749, 0.3602, 0.3402



58.7749, 0.3250, 0.3716



58.7749, 0.2675, 0.3147



58.7749, 0.2990, 0.2901

Rectangle

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



58.7749, 0.3602, 0.3402



58.7749, 0.3528, 0.3683



58.7749, 0.2675, 0.3147



58.7749, 0.2735, 0.2900

Sweetspot

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



58.7776, 0.3602, 0.3402



89.8756, 0.3244, 0.3321



56.8411, 0.3229, 0.2787



19.0584, 0.3255, 0.3324



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.



58.7776, 0.3602, 0.3402



63.2121, 0.3736, 0.3428



72.1733, 0.3533, 0.3699



16.2086, 0.3289, 0.3332



11.1914, 0.6217, 0.3445



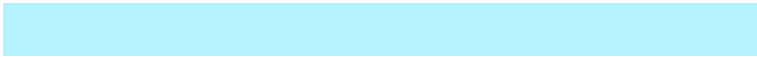
1.0580, 0.5984, 0.3631

Inverse Universe

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



71.4616, 0.2764, 0.3175



80.5433, 0.2691, 0.3147



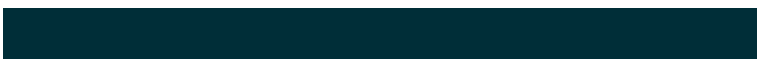
57.2917, 0.2736, 0.2844



17.4279, 0.2981, 0.3247



25.6672, 0.2088, 0.2718



2.2581, 0.2112, 0.2801

Previews

White Background



This preview shows how the Yxy color 58.7749, 0.3602, 0.3402 looks on a white background.

Color Contrast Check

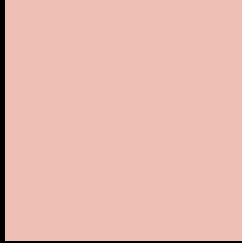
Large Text (above 18pt) WCAG AA × Fail

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 58.7749, 0.3602, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

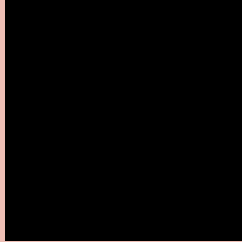
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7749, 0.3602, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 58.7749, 0.3602, 0.3402.



This preview shows how white text looks on a background with the Yxy color 58.7749, 0.3602, 0.3402.

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

58.7749, 0.3602, 0.3402

Protanopia

58.8738, 0.3301, 0.3468

Deuteranopia

58.9835, 0.3524, 0.3460



Tritanopia

58.7560, 0.3451, 0.3140

Trichromacy



Original Color

58.7749, 0.3602, 0.3402

Protanomaly

58.6088, 0.3413, 0.3441

Deuteranomaly

59.0347, 0.3552, 0.3448

Tritanomaly

58.6410, 0.3507, 0.3237

Monochromacy



Original Color

58.7749, 0.3602, 0.3402

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.4313, 0.3284, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7749, 0.3602, 0.3402 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(238, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(238, 191, 181)  
}
```

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(238, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 191, 181) }
```

Border

The CSS property to change the border of an element to Yxy 58.7749, 0.3602, 0.3402 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(238, 191, 181) }
```

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

```
.border{ border-color:rgb(238, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(238, 191,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7749, 0.3602, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 191, 181) }
```

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

```
.background{ background-color: rgb(238,  
191, 181) }
```

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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