

Converting Colors

Yxy(56.3588, 0.3744, 0.3445)

Have a look what the booklet for
Yxy(56.3588, 0.3744, 0.3445)
contains.

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Color

Yxy(56.5154, 0.3738, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	F2B9AB
RGB	242, 185, 171
RGB Percent	95%, 73%, 67%
CMY	0.0509, 0.2745, 0.3293
CMYK	0.00, 0.24, 0.29, 0.05
HSL	12°, 73%, 81%
HSV	12°, 29%, 95%
XYZ	61.3221, 56.5154, 46.2130
YIQ	200.4470, 38.4660, 7.7300

Conversions

Conversions Part 2

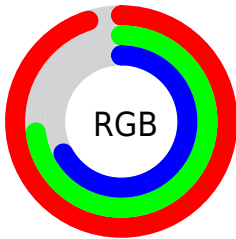
Format	Color
R _Y B	242, 188, 171
Decimal	15907243
CIE Lab	79.91, 18.66, 15.05
CIE LCh	80, 23.972, 38.899
Yxy	56.5154, 0.3738, 0.3445
Android (android.graphics.Color)	4294097323 (0xFFF2B9AB)
YUV	200.4470, -14.5174, 36.4420
Hunter-Lab	75.1767, 14.0442, 16.1766

Details

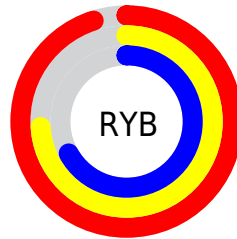
The Yxy color **56.5154, 0.3738, 0.3445** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5760, 0.2685, 0.3128**, and the grayscale version is **58.1249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6616, 0.3314, 0.3438**, and **28.1487, 0.3902, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **48.0945, 0.4034, 0.3500**, and if you desaturate by 10%, it is **66.2222, 0.3491, 0.3390**.

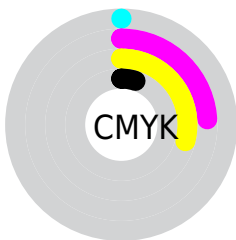
Distribution



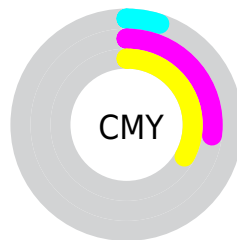
- Red (95%)
- Green (73%)
- Blue (67%)



- Red (95%)
- Yellow (74%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5154, 0.3738, 0.3445 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 56.5154, 0.3738, 0.3445 by changing the saturation by 10% instead.


 56.5154, 0.3738,
0.3445

 56.5154, 0.3738,
0.3445


411.6310, 0.3440,
0.3377

 40.6163, 0.3810,
0.3459


 99.7577, 0.3631,
0.3423

 28.0194, 0.3901,
0.3476


127.8698, 0.3591,
0.3413

 18.3403, 0.4020,
0.3495


160.8216, 0.3556,
0.3406

 11.1946, 0.4181,
0.3517

198.9976, 0.3526,
0.3399

 6.1979, 0.4411,
0.3541

242.7821, 0.3500,
0.3392

 2.9658, 0.4760,
0.3560

292.5596, 0.3478,

 1.1139, 0.5727,

0.3387

0.3791

348.7144, 0.3457,
0.3382

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5154, 0.3738,
0.3445

56.5154, 0.3738,
0.3445

48.0945, 0.4034,
0.3500

66.2222, 0.3491,
0.3390

40.8973, 0.4381,
0.3550

77.2576, 0.3286,
0.3336

34.8688, 0.4773,
0.3587

89.6723, 0.3117,
0.3287

29.9460, 0.5191,
0.3603

97.6195, 0.3048,
0.3290

■ 26.0602, 0.5599,
0.3588

■ 23.1345, 0.5946,
0.3537

■ 21.0756, 0.6192,
0.3459

■ 20.9657, 0.6206,
0.3454

Harmonies

Analogous

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



56.5154, 0.3577, 0.3184



56.5154, 0.3738, 0.3445



56.5154, 0.3724, 0.3683

Triad

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



56.5154, 0.3738, 0.3445



56.5154, 0.2945, 0.3661



56.5154, 0.2709, 0.2775

Complementary

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



56.5154, 0.3738, 0.3445



70.5760, 0.2685, 0.3128

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.



56.5154, 0.2560, 0.2869



56.5154, 0.3738, 0.3445



56.5154, 0.2690, 0.3378

Square

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



56.5154, 0.3738, 0.3445



56.5154, 0.3257, 0.3830



56.5154, 0.2553, 0.3085



56.5154, 0.2973, 0.2810

Rectangle

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



56.5154, 0.3738, 0.3445



56.5154, 0.3620, 0.3796



56.5154, 0.2553, 0.3085



56.5154, 0.2645, 0.2792

Sweetspot

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



56.5180, 0.3738, 0.3445



87.4084, 0.3280, 0.3335



53.6692, 0.3266, 0.2683



18.2990, 0.3307, 0.3342



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.



56.5180, 0.3738, 0.3445



58.0056, 0.3902, 0.3477



72.7612, 0.3633, 0.3807



16.2627, 0.3288, 0.3337



11.4122, 0.6181, 0.3474



1.0841, 0.5940, 0.3666

Inverse Universe

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



70.5760, 0.2685, 0.3128



76.1143, 0.2605, 0.3092



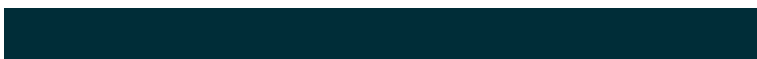
53.4329, 0.2640, 0.2712



17.3691, 0.2981, 0.3242



24.4497, 0.2068, 0.2646



2.1673, 0.2095, 0.2740

Previews

White Background



This preview shows how the Yxy color 56.5154, 0.3738, 0.3445 looks on a white background.

Color Contrast Check

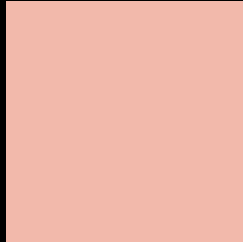
Large Text (above 18pt) WCAG AA × Fail

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 56.5154, 0.3738, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

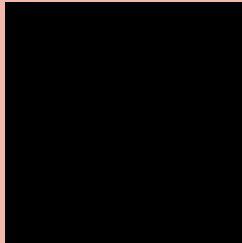
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5154, 0.3738, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 56.5154, 0.3738, 0.3445.



This preview shows how white text looks on a background with the Yxy color 56.5154, 0.3738, 0.3445.

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

56.5154, 0.3738, 0.3445

Protanopia

56.8679, 0.3350, 0.3530

Deuteranopia

56.6579, 0.3607, 0.3531



Tritanopia

56.4004, 0.3566, 0.3141

Trichromacy



Original Color

56.5154, 0.3738, 0.3445

Protanomaly

56.4507, 0.3493, 0.3501

Deuteranomaly

56.6211, 0.3656, 0.3505

Tritanomaly

56.2342, 0.3633, 0.3248

Monochromacy



Original Color

56.5154, 0.3738, 0.3445

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1514, 0.3336, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5154, 0.3738, 0.3445 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(242, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 171)  
}
```

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(242, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 171) }
```

Border

The CSS property to change the border of an element to Yxy 56.5154, 0.3738, 0.3445 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(242, 185, 171) }
```

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

```
.border{ border-color:rgb(242, 185, 171) }
```

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

Here you see how a box with a 4 pixel rgb(242, 185, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5154, 0.3738, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 171) }
```

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

```
.background{ background-color: rgb(242,  
185, 171) }
```

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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