

Converting Colors

Yxy(56.3999, 0.3717, 0.3436)

Have a look what the booklet for
Yxy(56.3999, 0.3717, 0.3436)
contains.

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Color

Yxy(56.3773, 0.3721, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	F1B9AC
RGB	241, 185, 172
RGB Percent	95%, 73%, 67%
CMY	0.0549, 0.2745, 0.3256
CMYK	0.00, 0.23, 0.29, 0.05
HSL	11°, 71%, 81%
HSV	11°, 29%, 95%
XYZ	61.0713, 56.3773, 46.6775
YIQ	200.2620, 37.5490, 7.8290

Conversions

Conversions Part 2

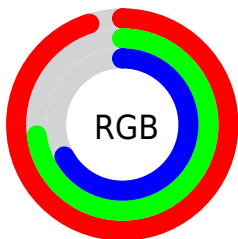
Format	Color
RYB	241, 188, 172
Decimal	15841708
CIELab	79.83, 18.40, 14.42
CIElCh	80, 23.378, 38.074
Yxy	56.3773, 0.3721, 0.3435
Android (android.graphics.Color)	4294031788 (0xFFFF1B9AC)
YUV	200.2620, -13.9332, 35.7272
Hunter-Lab	75.0848, 13.7871, 15.7010

Details

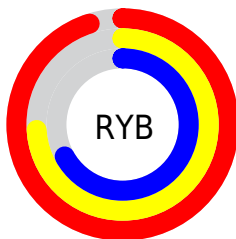
The Yxy color **56.3773, 0.3721, 0.3435** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5930, 0.2696, 0.3139**, and the grayscale version is **57.9997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7166, 0.3308, 0.3428**, and **28.0489, 0.3878, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **47.9108, 0.4015, 0.3488**, and if you desaturate by 10%, it is **66.1418, 0.3476, 0.3382**.

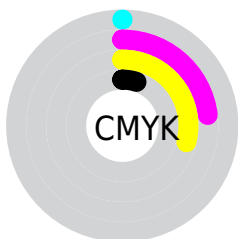
Distribution



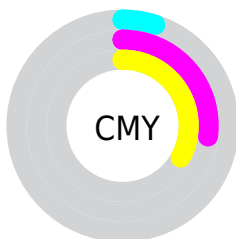
- Red (95%)
- Green (73%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (5%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3773, 0.3721, 0.3435 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 56.3773, 0.3721, 0.3435 by changing the saturation by 10% instead.


 56.3773, 0.3721,
0.3435

 56.3773, 0.3721,
0.3435


411.1118, 0.3431,
0.3372

 40.5055, 0.3791,
0.3448

 99.5560, 0.3617,
0.3414

 27.9329, 0.3880,
0.3464


127.6317, 0.3578,
0.3406

 18.2751, 0.3996,
0.3482


160.5442, 0.3544,
0.3398

 11.1477, 0.4153,
0.3503

198.6778, 0.3515,
0.3392

 6.1662, 0.4377,
0.3525

242.4170, 0.3490,
0.3386

 2.9464, 0.4720,
0.3542

292.1462, 0.3468,

 1.1038, 0.5645,

0.3381

0.3754

348.2496, 0.3448,
0.3376

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3773, 0.3721,
0.3435

56.3773, 0.3721,
0.3435

47.9108, 0.4015,
0.3488

66.1418, 0.3476,
0.3382

40.6797, 0.4361,
0.3536

77.2479, 0.3273,
0.3331

34.6280, 0.4753,
0.3573

89.7467, 0.3106,
0.3284

29.6922, 0.5174,
0.3589

97.4427, 0.3042,
0.3290

■ 25.8026, 0.5587,
0.3576

■ 22.8813, 0.5941,
0.3528

■ 20.8357, 0.6191,
0.3453

■ 20.6178, 0.6219,
0.3444

Harmonies

Analogous

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



56.3773, 0.3560, 0.3180



56.3773, 0.3721, 0.3435



56.3773, 0.3713, 0.3669

Triad

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



56.3773, 0.3721, 0.3435



56.3773, 0.2957, 0.3658



56.3773, 0.2714, 0.2788

Complementary

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



56.3773, 0.3721, 0.3435



70.5930, 0.2696, 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.



56.3773, 0.2571, 0.2884



56.3773, 0.3721, 0.3435



56.3773, 0.2706, 0.3385

Square

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



56.3773, 0.3721, 0.3435



56.3773, 0.3263, 0.3819



56.3773, 0.2568, 0.3097



56.3773, 0.2969, 0.2818

Rectangle

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



56.3773, 0.3721, 0.3435



56.3773, 0.3614, 0.3781



56.3773, 0.2568, 0.3097



56.3773, 0.2652, 0.2806

Sweetspot

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



56.3799, 0.3721, 0.3435



87.3005, 0.3280, 0.3333



53.8177, 0.3262, 0.2697



18.2726, 0.3308, 0.3340



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.



56.3799, 0.3721, 0.3435



58.6574, 0.3875, 0.3464



72.4204, 0.3620, 0.3794



16.2416, 0.3289, 0.3335



11.3232, 0.6196, 0.3462



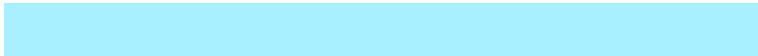
1.0737, 0.5957, 0.3652

Inverse Universe

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



70.5930, 0.2696, 0.3139



77.0957, 0.2620, 0.3106



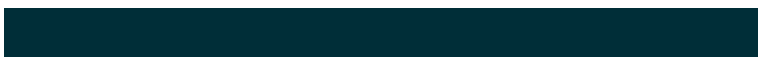
53.6284, 0.2652, 0.2728



17.3920, 0.2981, 0.3244



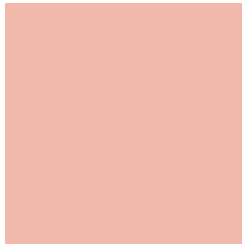
24.9196, 0.2076, 0.2674



2.2024, 0.2101, 0.2764

Previews

White Background



This preview shows how the Yxy color 56.3773, 0.3721, 0.3435 looks on a white background.

Color Contrast Check

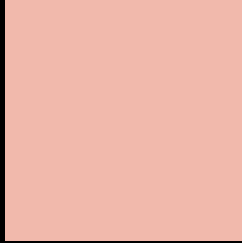
Large Text (above 18pt) WCAG AA × Fail

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 56.3773, 0.3721, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

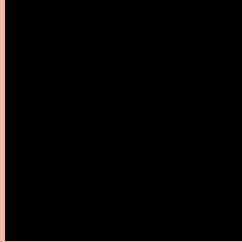
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3773, 0.3721, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 56.3773, 0.3721, 0.3435.



This preview shows how white text looks on a background with the Yxy color 56.3773, 0.3721, 0.3435.

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

56.3773, 0.3721, 0.3435

Protanopia

56.7243, 0.3342, 0.3531

Deuteranopia

56.5328, 0.3590, 0.3520



Tritanopia

56.6291, 0.3555, 0.3151

Trichromacy



Original Color

56.3773, 0.3721, 0.3435

Protanomaly

56.3346, 0.3476, 0.3489

Deuteranomaly

56.4913, 0.3639, 0.3495

Tritanomaly

56.5095, 0.3613, 0.3248

Monochromacy



Original Color

56.3773, 0.3721, 0.3435

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1950, 0.3328, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3773, 0.3721, 0.3435 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(241, 185, 172)` looks like.

```
.text, #text, p{  
    color:rgb(241, 185, 172)  
}
```

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(241, 185, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 185, 172) }
```

Border

The CSS property to change the border of an element to Yxy 56.3773, 0.3721, 0.3435 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(241, 185, 172) }
```

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

```
.border{ border-color:rgb(241, 185, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 185, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 185, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 185, 172);  
box-shadow:4px 4px 4px 4px rgb(241, 185,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3773, 0.3721, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 185, 172) }
```

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

```
.background{ background-color: rgb(241,  
185, 172) }
```

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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