

Converting Colors

Yxy(56.4537, 0.3819, 0.3499)

Have a look what the booklet for
Yxy(56.4537, 0.3819, 0.3499)
contains.

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Color

Yxy(56.4101, 0.3820, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	F5B8A5
RGB	245, 184, 165
RGB Percent	96%, 72%, 65%
CMY	0.0392, 0.2784, 0.3531
CMYK	0.00, 0.25, 0.33, 0.04
HSL	14°, 80%, 80%
HSV	14°, 33%, 96%
XYZ	61.5852, 56.4101, 43.2225
YIQ	200.0730, 42.4550, 7.0230

Conversions

Conversions Part 2

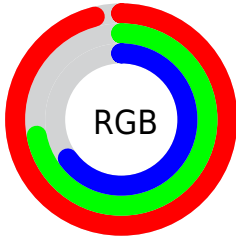
Format	Color
R _Y B	245, 190, 165
Decimal	16103589
CIE Lab	79.85, 19.53, 18.27
CIE LCh	80, 26.741, 43.083
Yxy	56.4101, 0.3820, 0.3499
Android (android.graphics.Color)	4294293669 (0xFFF5B8A5)
YUV	200.0730, -17.2910, 39.4010
Hunter-Lab	75.1067, 14.9280, 18.4544

Details

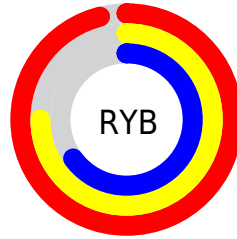
The Yxy color **56.4101, 0.3820, 0.3499** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9557, 0.2633, 0.3069**, and the grayscale version is **57.8953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7475, 0.3354, 0.3488**, and **27.9896, 0.4002, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **48.3526, 0.4123, 0.3564**, and if you desaturate by 10%, it is **65.6675, 0.3563, 0.3432**.

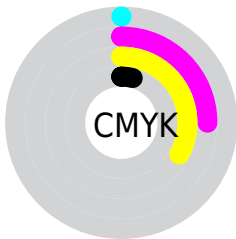
Distribution



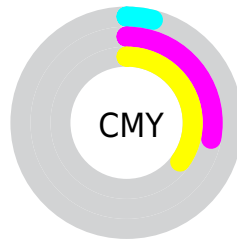
- Red (96%)
- Green (72%)
- Blue (65%)



- Red (96%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4101, 0.3820, 0.3499 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 56.4101, 0.3820, 0.3499 by changing the saturation by 10% instead.


 56.4101, 0.3820,
0.3499

 56.4101, 0.3820,
0.3499


411.2352, 0.3481,
0.3407

 40.5318, 0.3902,
0.3518


 99.6039, 0.3699,
0.3469

 27.9534, 0.4005,
0.3540


 127.6883, 0.3653,
0.3456

 18.2906, 0.4139,
0.3567


160.6101, 0.3614,
0.3446

 11.1588, 0.4320,
0.3597

198.7538, 0.3580,
0.3436

 6.1737, 0.4576,
0.3628

242.5038, 0.3551,
0.3428

 2.9510, 0.4959,
0.3651

292.2444, 0.3525,

 1.1062, 0.6068,

0.3420

0.3932

348.3600, 0.3502,
0.3414

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4101, 0.3820,
0.3499

56.4101, 0.3820,
0.3499

48.3526, 0.4123,
0.3564

65.6675, 0.3563,
0.3432

41.4374, 0.4473,
0.3621

76.1633, 0.3348,
0.3367

35.6141, 0.4860,
0.3661

87.9444, 0.3169,
0.3306

30.8250, 0.5263,
0.3673

98.1522, 0.3066,
0.3290

■ 27.0070, 0.5644,
0.3647

■ 24.0893, 0.5958,
0.3581

■ 22.4686, 0.6130,
0.3515

Harmonies

Analogous

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



56.4101, 0.3665, 0.3210



56.4101, 0.3820, 0.3499



56.4101, 0.3775, 0.3756

Triad

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



56.4101, 0.3820, 0.3499



56.4101, 0.2877, 0.3667



56.4101, 0.2697, 0.2716

Complementary

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



56.4101, 0.3820, 0.3499



68.9557, 0.2633, 0.3069

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.



56.4101, 0.2512, 0.2797



56.4101, 0.3820, 0.3499



56.4101, 0.2611, 0.3339

Square

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



56.4101, 0.3820, 0.3499



56.4101, 0.3221, 0.3881



56.4101, 0.2481, 0.3018



56.4101, 0.3002, 0.2774

Rectangle

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



56.4101, 0.3820, 0.3499



56.4101, 0.3642, 0.3873



56.4101, 0.2481, 0.3018



56.4101, 0.2619, 0.2727

Sweetspot

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



56.4128, 0.3820, 0.3499



86.6875, 0.3298, 0.3350



51.8188, 0.3319, 0.2651



18.1789, 0.3324, 0.3359



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.



56.4128, 0.3820, 0.3499



55.9716, 0.4009, 0.3541



75.2544, 0.3686, 0.3907



17.1226, 0.3288, 0.3347



12.2814, 0.6103, 0.3536



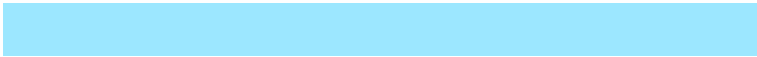
1.2321, 0.5864, 0.3726

Inverse Universe

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



68.9557, 0.2633, 0.3069



71.5826, 0.2544, 0.3018



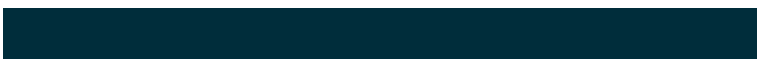
49.8357, 0.2573, 0.2584



18.0503, 0.2980, 0.3232



22.8541, 0.2028, 0.2502



2.1656, 0.2059, 0.2612

Previews

White Background



This preview shows how the Yxy color 56.4101, 0.3820, 0.3499 looks on a white background.

Color Contrast Check

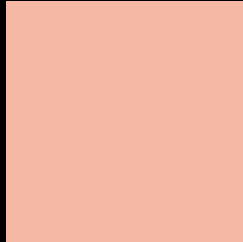
Large Text (above 18pt) WCAG AA × Fail

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 56.4101, 0.3820, 0.3499 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 56.4101, 0.3820, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 56.4101, 0.3820, 0.3499.



This preview shows how white text looks on a background with the Yxy color 56.4101, 0.3820, 0.3499.

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

56.4101, 0.3820, 0.3499

Protanopia

56.7766, 0.3405, 0.3603

Deuteranopia

56.6000, 0.3666, 0.3599



Tritanopia

56.4940, 0.3602, 0.3142

Trichromacy



Original Color

56.4101, 0.3820, 0.3499

Protanomaly

56.3767, 0.3550, 0.3571

Deuteranomaly

56.3089, 0.3727, 0.3561

Tritanomaly

56.2408, 0.3688, 0.3270

Monochromacy



Original Color

56.4101, 0.3820, 0.3499

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.7704, 0.3361, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4101, 0.3820, 0.3499 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(245, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 184, 165)  
}
```

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(245, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 184, 165) }
```

Border

The CSS property to change the border of an element to Yxy 56.4101, 0.3820, 0.3499 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(245, 184, 165) }
```

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

```
.border{ border-color:rgb(245, 184, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(245, 184,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4101, 0.3820, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 184, 165) }
```

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

```
.background{ background-color: rgb(245,  
184, 165) }
```

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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