

Converting Colors

$Y_{xy}(56.0120, 0.4129, 0.3722)$

Have a look what the booklet for
Yxy(56.0120, 0.4129, 0.3722)
contains.

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Color

Yxy(56.0120, 0.4129, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	FEB58C
RGB	254, 181, 140
RGB Percent	100%, 71%, 55%
CMY	0.0038, 0.2902, 0.4510
CMYK	0.00, 0.29, 0.45, 0.00
HSL	22°, 98%, 77%
HSV	22°, 45%, 100%
XYZ	62.1369, 56.0120, 32.3401
YIQ	198.1530, 56.6690, 2.7250

Conversions

Conversions Part 2

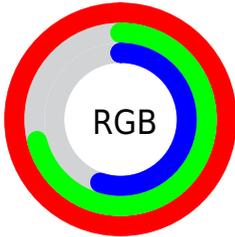
Format	Color
RYB	254, 204, 140
Decimal	16692620
CIELab	79.62, 21.79, 31.42
CIELCh	80, 38.239, 55.257
Yxy	56.0120, 0.4129, 0.3722
Android (android.graphics.Color)	4294882700 (0xFFFE58C)
YUV	198.1530, -28.6694, 48.9778
Hunter-Lab	74.8412, 17.2276, 26.7686

Details

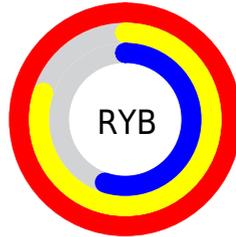
The Yxy color **56.0120, 0.4129, 0.3722** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.3275, 0.2436, 0.2799**, and the grayscale version is **56.7230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7234, 0.3529, 0.3722**, and **27.7617, 0.4393, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **49.1163, 0.4446, 0.3807**, and if you desaturate by 10%, it is **63.8586, 0.3846, 0.3626**.

Distribution



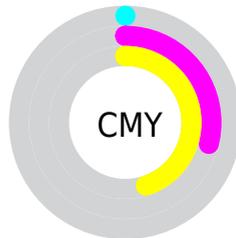
- Red (100%)
- Green (71%)
- Blue (55%)



- Red (100%)
- Yellow (80%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0120, 0.4129, 0.3722 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 56.0120, 0.4129, 0.3722 by changing the saturation by 10% instead.

 56.0120, 0.4129,
0.3722

 56.0120, 0.4129,
0.3722

409.7367, 0.3642,
0.3535

 40.2125, 0.4244,
0.3759

 99.0221, 0.3956,
0.3661

 27.7043, 0.4388,
0.3802

 127.0016, 0.3890,
0.3636

 18.1029, 0.4571,
0.3849

 159.8098, 0.3834,
0.3614

 11.0239, 0.4811,
0.3899

197.8313, 0.3785,
0.3595

 6.0829, 0.5132,
0.3939

241.4503, 0.3742,
0.3577

 2.8956, 0.5722,
0.4043

291.0513, 0.3705,

 1.0774, 0.6200,

0.3562

0.3800

347.0186, 0.3672,
0.3548

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0120, 0.4129,
0.3722

56.0120, 0.4129,
0.3722

49.1163, 0.4446,
0.3807

63.8586, 0.3846,
0.3626

43.1247, 0.4786,
0.3868

72.6839, 0.3599,
0.3526

37.9985, 0.5132,
0.3894

82.5248, 0.3386,
0.3427

33.6919, 0.5455,
0.3871

93.4135, 0.3206,
0.3334

■ 30.1538, 0.5725,
0.3796

99.8160, 0.3121,
0.3290

■ 28.6186, 0.5841,
0.3744

Harmonies

Analogous

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



56.0120, 0.4025, 0.3326



56.0120, 0.4129, 0.3722



56.0120, 0.3941, 0.4053

Triad

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



56.0120, 0.4129, 0.3722



56.0120, 0.2595, 0.3653



56.0120, 0.2673, 0.2503

Complementary

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



56.0120, 0.4129, 0.3722



60.3275, 0.2436, 0.2799

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.



56.0120, 0.2345, 0.2525



56.0120, 0.4129, 0.3722



56.0120, 0.2301, 0.3149

Square

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



56.0120, 0.4129, 0.3722



56.0120, 0.3045, 0.4064



56.0120, 0.2215, 0.2743



56.0120, 0.3147, 0.2656

Rectangle

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



56.0120, 0.4129, 0.3722



56.0120, 0.3690, 0.4181



56.0120, 0.2215, 0.2743



56.0120, 0.2543, 0.2489

Sweetspot

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



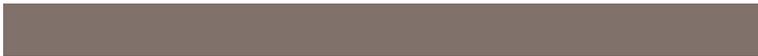
56.0147, 0.4129, 0.3722



85.2414, 0.3350, 0.3409



44.6879, 0.3543, 0.2537



17.7474, 0.3393, 0.3430



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.



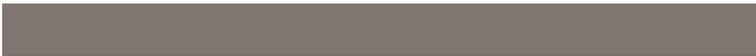
56.0147, 0.4129, 0.3722



50.1227, 0.4416, 0.3800



83.4913, 0.3866, 0.4254



19.0561, 0.3285, 0.3376



15.3376, 0.5812, 0.3767



1.6915, 0.5596, 0.3939

Inverse Universe

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



60.3275, 0.2436, 0.2799



54.9157, 0.2311, 0.2679



36.8757, 0.2312, 0.2090



19.3181, 0.2980, 0.3202



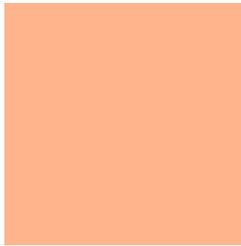
17.8082, 0.1907, 0.2064



1.9411, 0.1950, 0.2220

Previews

White Background



This preview shows how the Yxy color 56.0120, 0.4129, 0.3722 looks on a white background.

Color Contrast Check

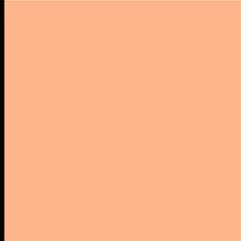
Large Text (above 18pt) WCAG AA × Fail

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 56.0120, 0.4129, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

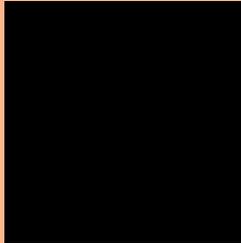
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0120, 0.4129, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 56.0120, 0.4129, 0.3722.

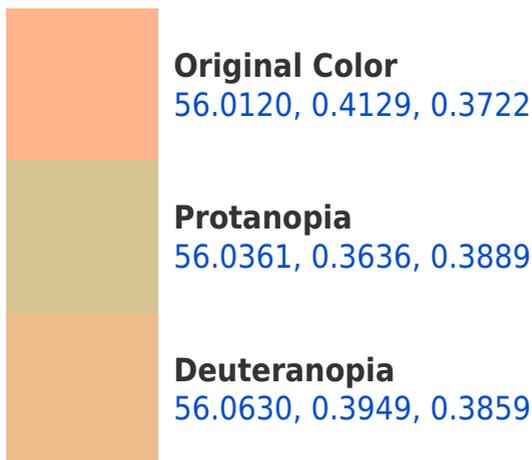


This preview shows how white text looks on a background with the Yxy color 56.0120, 0.4129, 0.3722.

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

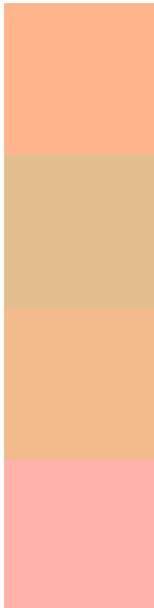




Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

56.0120, 0.4129, 0.3722

Protanomaly

55.6061, 0.3813, 0.3831

Deuteranomaly

56.0366, 0.4017, 0.3803

Tritanomaly

56.0411, 0.3875, 0.3366

Monochromacy



Original Color

56.0120, 0.4129, 0.3722

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7790, 0.3462, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0120, 0.4129, 0.3722 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(254, 181, 140)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 140)  
}
```

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(254, 181, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 140) }
```

Border

The CSS property to change the border of an element to Yxy 56.0120, 0.4129, 0.3722 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(254, 181, 140) }
```

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

```
.border{ border-color:rgb(254, 181, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 181, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 140);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
140) }
```

Background

The CSS property to change the background color of an element to Yxy 56.0120, 0.4129, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 181, 140) }
```

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

```
.background{ background-color: rgb(254,  
181, 140) }
```

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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