

Converting Colors

$Y_{xy}(56.2793, 0.4326, 0.4012)$

Have a look what the booklet for
Yxy(56.2793, 0.4326, 0.4012)
contains.

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Color

Yxy(56.3559, 0.4322, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	FDB871
RGB	253, 184, 113
RGB Percent	99%, 72%, 44%
CMY	0.0078, 0.2784, 0.5569
CMYK	0.00, 0.27, 0.55, 0.01
HSL	30°, 97%, 72%
HSV	30°, 55%, 99%
XYZ	60.6349, 56.3559, 23.3028
YIQ	196.5370, 63.9150, -7.4530

Conversions

Conversions Part 2

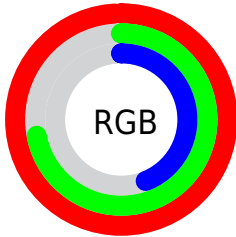
Format	Color
R _Y B	249, 253, 113
Decimal	16627825
CIE Lab	79.82, 17.43, 45.57
CIE LCh	80, 48.787, 69.073
Yxy	56.3559, 0.4322, 0.4017
Android (android.graphics.Color)	4294817905 (0xFFFDB871)
YUV	196.5370, -41.1837, 49.5181
Hunter-Lab	75.0706, 12.8018, 34.1451

Details

The Yxy color **56.3559, 0.4322, 0.4017** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0677, 0.2236, 0.2387**, and the grayscale version is **55.7670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3334, 0.3702, 0.4031**, and **27.9289, 0.4601, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **50.9107, 0.4597, 0.4111**, and if you desaturate by 10%, it is **62.4224, 0.4056, 0.3897**.

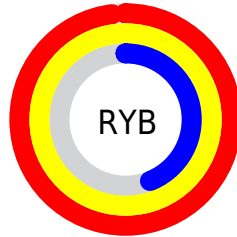
Distribution



Red (99%)

Green (72%)

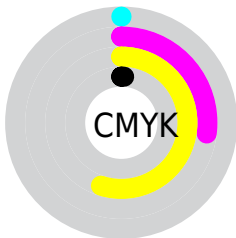
Blue (44%)



Red (98%)

Yellow (99%)

Blue (44%)

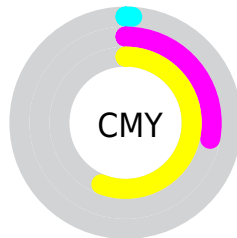


Cyan (0%)

Magenta (27%)

Yellow (55%)

Black (1%)



Cyan (1%)


Magenta (28%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3559, 0.4322, 0.4017 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 56.3559, 0.4322, 0.4017 by changing the saturation by 10% instead.


 56.3559, 0.4322,
0.4017


 56.3559, 0.4322,
0.4017


411.0314, 0.3754,
0.3702

 40.4883, 0.4450,
0.4078

 99.5247, 0.4125,
0.3915

 27.9195, 0.4606,
0.4146


 127.5948, 0.4048,
0.3873

 18.2650, 0.4796,
0.4220


 160.5012, 0.3982,
0.3836

 11.1404, 0.5029,
0.4290

 198.6283, 0.3924,
0.3803

 6.1614, 0.5346,
0.4365

242.3604, 0.3873,
0.3774

 2.9434, 0.5671,
0.4329

292.0821, 0.3829,

 1.1023, 0.5952,

0.3747

0.4048

348.1776, 0.3789,
0.3724

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3559, 0.4322,
0.4017

56.3559, 0.4322,
0.4017

50.9107, 0.4597,
0.4111

62.4224, 0.4056,
0.3897

46.0531, 0.4868,
0.4167

69.1251, 0.3809,
0.3763

41.7578, 0.5117,
0.4172

76.4887, 0.3585,
0.3625

37.9926, 0.5328,
0.4121

84.5335, 0.3386,
0.3488

36.4027, 0.5414,
0.4083

93.2791, 0.3211,
0.3357

99.6267, 0.3115,
0.3290

Harmonies

Analogous

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



56.3559, 0.4380, 0.3542



56.3559, 0.4322, 0.4017



56.3559, 0.3931, 0.4376

Triad

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



56.3559, 0.4322, 0.4017



56.3559, 0.2257, 0.3444



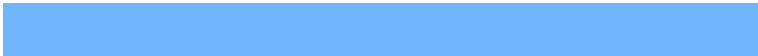
56.3559, 0.2806, 0.2380

Complementary

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



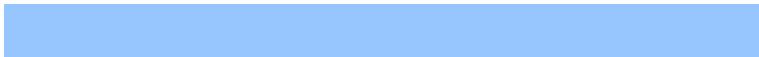
56.3559, 0.4322, 0.4017



44.0677, 0.2236, 0.2387

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.



56.3559, 0.2309, 0.2298



56.3559, 0.4322, 0.4017



56.3559, 0.2018, 0.2833

Square

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



56.3559, 0.4322, 0.4017



56.3559, 0.2733, 0.4084



56.3559, 0.2039, 0.2441



56.3559, 0.3449, 0.2651

Rectangle

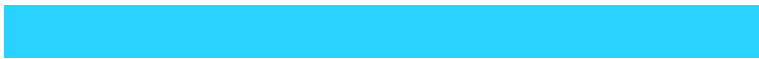
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.3559, 0.4322, 0.4017



56.3559, 0.3553, 0.4463



56.3559, 0.2039, 0.2441



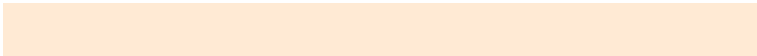
56.3559, 0.2618, 0.2330

Sweetspot

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



56.3587, 0.4322, 0.4017



84.6316, 0.3418, 0.3511



36.1152, 0.3927, 0.2580



17.7553, 0.3457, 0.3538



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.



56.3587, 0.4322, 0.4017



51.4628, 0.4616, 0.4117



92.3432, 0.3926, 0.4611



19.5096, 0.3282, 0.3411



19.6536, 0.5390, 0.4102



2.1322, 0.5217, 0.4240

Inverse Universe

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



44.0677, 0.2236, 0.2387



37.8546, 0.2083, 0.2174



22.4129, 0.2050, 0.1509



18.8565, 0.2979, 0.3166



11.8270, 0.1764, 0.1550



1.3696, 0.1822, 0.1758

Previews

White Background



This preview shows how the Yxy color 56.3559, 0.4322, 0.4017 looks on a white background.

Color Contrast Check

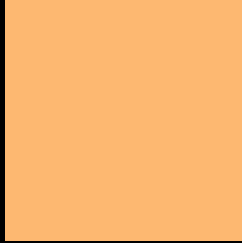
Large Text (above 18pt) WCAG AA × Fail

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 56.3559, 0.4322, 0.4017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

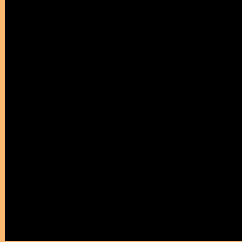
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3559, 0.4322, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 56.3559, 0.4322, 0.4017.



This preview shows how white text looks on a background with the Yxy color 56.3559, 0.4322, 0.4017.

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

56.3559, 0.4322, 0.4017

Protanopia

56.4479, 0.3892, 0.4218

Deuteranopia

56.4423, 0.4203, 0.4109



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.3559, 0.4322, 0.4017

Protanomaly

56.2239, 0.4046, 0.4147

Deuteranomaly

56.3033, 0.4250, 0.4077

Tritanomaly

56.2866, 0.3949, 0.3493

Monochromacy



Original Color

56.3559, 0.4322, 0.4017

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2042, 0.3542, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3559, 0.4322, 0.4017 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(253, 184, 113)` looks like.

```
.text, #text, p{  
    color:rgb(253, 184, 113)  
}
```

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(253, 184, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 184, 113) }
```

Border

The CSS property to change the border of an element to Yxy 56.3559, 0.4322, 0.4017 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(253, 184, 113) }
```

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

```
.border{ border-color:rgb(253, 184, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 184, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 184, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 184, 113);  
box-shadow:4px 4px 4px 4px rgb(253, 184,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3559, 0.4322, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 184, 113) }
```

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

```
.background{ background-color: rgb(253,  
184, 113) }
```

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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