

Converting Colors

$Y_{xy}(68.6750, 0.3760, 0.3655)$

Have a look what the booklet for
Yxy(68.6750, 0.3760, 0.3655)
contains.

Yxy(68.6750, 0.3760, 0.3655)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.6750, 0.3760, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	FECFAC
RGB	254, 207, 172
RGB Percent	100%, 81%, 67%
CMY	0.0037, 0.1883, 0.3254
CMYK	0.00, 0.19, 0.32, 0.00
HSL	26°, 98%, 84%
HSV	26°, 32%, 100%
XYZ	70.6479, 68.6750, 48.5704
YIQ	217.0630, 39.2470, -0.9210

Conversions

Conversions Part 2

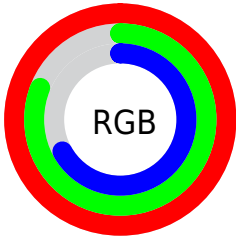
Format	Color
R _Y B	254, 233, 172
Decimal	16699308
CIE Lab	86.34, 11.79, 23.64
CIE LCh	86, 26.415, 63.493
Yxy	68.6750, 0.3760, 0.3655
Android (android.graphics.Color)	4294889388 (0xFFFE CFAC)
YUV	217.0630, -22.2161, 32.3937
Hunter-Lab	82.8704, 7.1500, 23.2593

Details

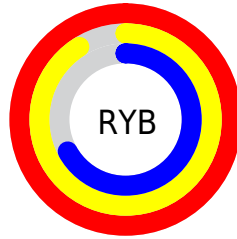
The Yxy color **68.6750, 0.3760, 0.3655** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.6405, 0.2616, 0.2892**, and the grayscale version is **69.5738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **35.8743, 0.3906, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **61.0539, 0.4018, 0.3771**, and if you desaturate by 10%, it is **77.1412, 0.3532, 0.3537**.

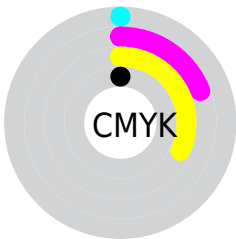
Distribution



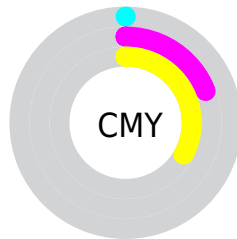
- Red (100%)
- Green (81%)
- Blue (67%)



- Red (100%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6750, 0.3760, 0.3655 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 68.6750, 0.3760, 0.3655 by changing the saturation by 10% instead.


 68.6750, 0.3760,
0.3655

 68.6750, 0.3760,
0.3655


455.8839, 0.3463,
0.3492

 50.4471, 0.3829,
0.3690


 117.3173, 0.3656,
0.3600

 35.7688, 0.3913,
0.3733


148.5004, 0.3616,
0.3578

 24.2557, 0.4021,
0.3785


184.7707, 0.3581,
0.3559

 15.5234, 0.4161,
0.3849

226.5126, 0.3551,
0.3542

 9.1875, 0.4351,
0.3929

274.1105, 0.3525,
0.3527

 4.8637, 0.4618,
0.4027

327.9487, 0.3502,

 2.1675, 0.5140,

0.3514

0.4239

388.4117, 0.3481,
0.3502

0.7022, 0.5776,
0.4224

0.0000, 0.0000,
0.0000

68.6750, 0.3760,
0.3655

68.6750, 0.3760,
0.3655

61.0539, 0.4018,
0.3771

77.1412, 0.3532,
0.3537

54.2400, 0.4305,
0.3876

86.4697, 0.3334,
0.3423

48.2065, 0.4612,
0.3961

96.6889, 0.3163,
0.3314

42.9210, 0.4926,
0.4011

99.8208, 0.3121,
0.3290

■ 38.3483, 0.5225,
0.4015

■ 34.4486, 0.5486,
0.3964

■ 31.8663, 0.5654,
0.3893

Harmonies

Analogous

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



68.6750, 0.3741, 0.3400



68.6750, 0.3760, 0.3655



68.6750, 0.3602, 0.3831

Triad

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



68.6750, 0.3760, 0.3655



68.6750, 0.2716, 0.3438



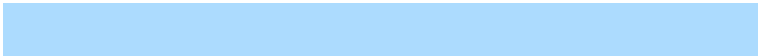
68.6750, 0.2913, 0.2780

Complementary

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



68.6750, 0.3760, 0.3655



66.6405, 0.2616, 0.2892

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.



68.6750, 0.2659, 0.2767



68.6750, 0.3760, 0.3655



68.6750, 0.2550, 0.3128

Square

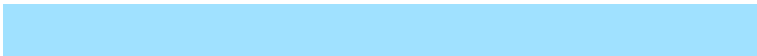
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.6750, 0.3760, 0.3655



68.6750, 0.2995, 0.3717



68.6750, 0.2530, 0.2887



68.6750, 0.3237, 0.2912

Rectangle

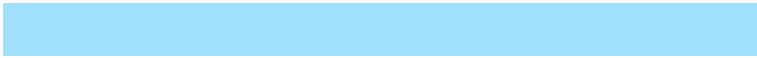
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.6750, 0.3760, 0.3655



68.6750, 0.3422, 0.3871



68.6750, 0.2530, 0.2887



68.6750, 0.2817, 0.2761

Sweetspot

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



68.6782, 0.3760, 0.3655



89.4827, 0.3292, 0.3397



55.7536, 0.3443, 0.2801



18.8523, 0.3318, 0.3413



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.



68.6782, 0.3760, 0.3655



64.0053, 0.3930, 0.3733



90.7142, 0.3636, 0.4038



19.2599, 0.3284, 0.3392



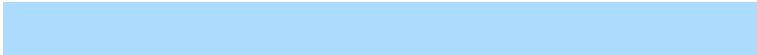
17.0708, 0.5626, 0.3915



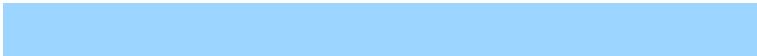
1.8734, 0.5425, 0.4075

Inverse Universe

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



66.6405, 0.2616, 0.2892



61.6362, 0.2510, 0.2794



48.1141, 0.2556, 0.2411



19.1085, 0.2979, 0.3186



14.8669, 0.1841, 0.1827



1.6643, 0.1892, 0.2009

Previews

White Background



This preview shows how the Yxy color 68.6750, 0.3760, 0.3655 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 68.6750, 0.3760, 0.3655 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 68.6750, 0.3760, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 68.6750, 0.3760, 0.3655.



This preview shows how white text looks on a background with the Yxy color 68.6750, 0.3760, 0.3655.

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

68.6750, 0.3760, 0.3655

Protanopia

68.9043, 0.3506, 0.3733

Deuteranopia

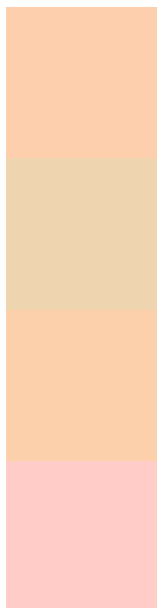
68.7858, 0.3740, 0.3668



Tritanopia

68.4589, 0.3438, 0.3148

Trichromacy



Original Color

68.6750, 0.3760, 0.3655

Protanomaly

68.8608, 0.3591, 0.3703

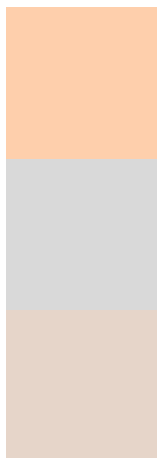
Deuteranomaly

68.9730, 0.3748, 0.3667

Tritanomaly

68.6159, 0.3558, 0.3332

Monochromacy



Original Color

68.6750, 0.3760, 0.3655

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6285, 0.3339, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6750, 0.3760, 0.3655 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, 207, 172)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 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(254, 207, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 172) }
```

Border

The CSS property to change the border of an element to Yxy 68.6750, 0.3760, 0.3655 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, 207, 172) }
```

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

```
.border{ border-color:rgb(254, 207, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 207, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 172);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6750, 0.3760, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 172) }
```

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

```
.background{ background-color: rgb(254,  
207, 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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