

Converting Colors

$Y_{xy}(70.0390, 0.3617, 0.3481)$

Have a look what the booklet for
Yxy(70.0390, 0.3617, 0.3481)
contains.

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Color

Yxy(69.9003, 0.3618, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	FED0BE
RGB	254, 208, 190
RGB Percent	100%, 82%, 75%
CMY	0.0040, 0.1842, 0.2550
CMYK	0.00, 0.18, 0.25, 0.00
HSL	17°, 97%, 87%
HSV	17°, 25%, 100%
XYZ	72.7140, 69.9003, 58.3641
YIQ	219.7020, 33.1940, 4.1540

Conversions

Conversions Part 2

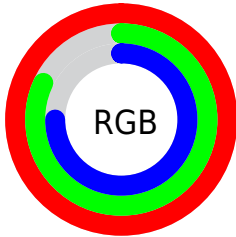
Format	Color
RYB	254, 215, 190
Decimal	16699582
CIELab	86.95, 13.55, 15.03
CIELCh	87, 20.240, 47.960
Yxy	69.9003, 0.3618, 0.3478
Android (android.graphics.Color)	4294889662 (0xFFFE0BE)
YUV	219.7020, -14.6431, 30.0793
Hunter-Lab	83.6064, 8.9335, 17.1352

Details

The Yxy color **69.9003, 0.3618, 0.3478** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0534, 0.2738, 0.3094**, and the grayscale version is **71.4380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **36.6531, 0.3728, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **60.4988, 0.3879, 0.3557**, and if you desaturate by 10%, it is **80.5245, 0.3397, 0.3400**.

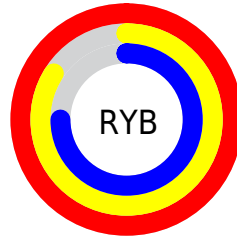
Distribution



Red (100%)

Green (82%)

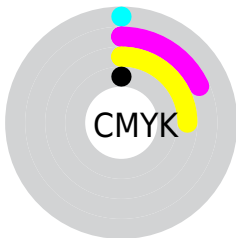
Blue (75%)



Red (100%)

Yellow (84%)

Blue (75%)

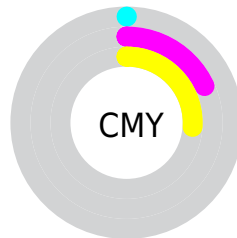


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9003, 0.3618, 0.3478 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 69.9003, 0.3618, 0.3478 by changing the saturation by 10% instead.


 69.9003, 0.3618,
0.3478

 69.9003, 0.3618,
0.3478


460.1999, 0.3387,
0.3395

 51.4453, 0.3671,
0.3496

 119.0666, 0.3537,
0.3450

 36.5631, 0.3738,
0.3517


150.5466, 0.3506,
0.3439

 24.8694, 0.3823,
0.3544


187.1370, 0.3479,
0.3429

 15.9798, 0.3934,
0.3576

229.2223, 0.3456,
0.3421

 9.5098, 0.4087,
0.3617

277.1869, 0.3436,
0.3413

 5.0752, 0.4310,
0.3668

331.4151, 0.3418,

 2.2915, 0.4658,

0.3406

0.3728

392.2912, 0.3402,
0.3400

0.7692, 0.5844,
0.4156

0.0000, 1.0000,
0.0000

69.9003, 0.3618,
0.3478

69.9003, 0.3618,
0.3478

60.4988, 0.3879,
0.3557

80.5245, 0.3397,
0.3400

52.2659, 0.4184,
0.3633

92.4038, 0.3211,
0.3326

45.1573, 0.4530,
0.3697

99.8057, 0.3121,
0.3290

39.1224, 0.4906,
0.3740

■ 34.1062, 0.5288,
0.3750

■ 30.0483, 0.5642,
0.3716

■ 26.8809, 0.5927,
0.3636

■ 25.6467, 0.6037,
0.3588

Harmonies

Analogous

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



69.9003, 0.3531, 0.3271



69.9003, 0.3618, 0.3478



69.9003, 0.3567, 0.3648

Triad

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



69.9003, 0.3618, 0.3478



69.9003, 0.2917, 0.3519



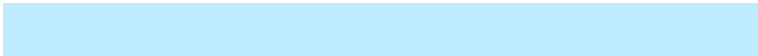
69.9003, 0.2853, 0.2878

Complementary

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



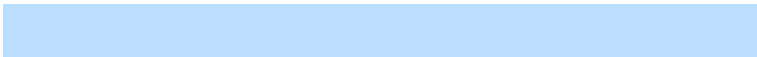
69.9003, 0.3618, 0.3478



78.0534, 0.2738, 0.3094

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.



69.9003, 0.2701, 0.2925



69.9003, 0.3618, 0.3478



69.9003, 0.2737, 0.3290

Square

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



69.9003, 0.3618, 0.3478



69.9003, 0.3157, 0.3683



69.9003, 0.2660, 0.3072



69.9003, 0.3082, 0.2934

Rectangle

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



69.9003, 0.3618, 0.3478



69.9003, 0.3463, 0.3714



69.9003, 0.2660, 0.3072



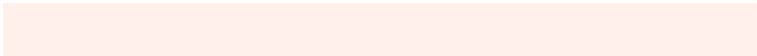
69.9003, 0.2792, 0.2882

Sweetspot

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



69.9035, 0.3618, 0.3478



89.7614, 0.3260, 0.3347



63.9942, 0.3284, 0.2819



18.8205, 0.3287, 0.3358



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

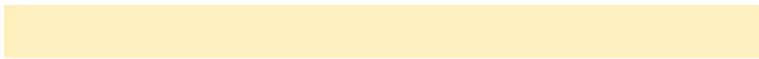
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9035, 0.3618, 0.3478



65.8317, 0.3738, 0.3516



86.5400, 0.3543, 0.3784



18.8205, 0.3287, 0.3358



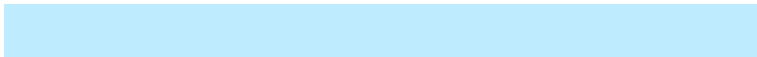
13.7383, 0.6009, 0.3611



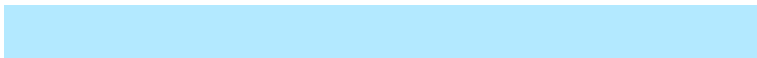
1.5132, 0.5789, 0.3786

Inverse Universe

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



78.0534, 0.2738, 0.3094



75.2704, 0.2666, 0.3051



61.7204, 0.2707, 0.2742



19.5651, 0.2980, 0.3221



21.7622, 0.1984, 0.2344



2.3043, 0.2018, 0.2465

Previews

White Background



This preview shows how the Yxy color 69.9003, 0.3618, 0.3478 looks on a white background.

Color Contrast Check

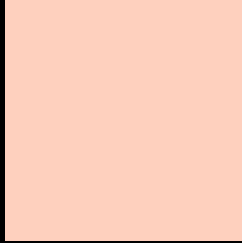
Large Text (above 18pt) WCAG AA × Fail

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 69.9003, 0.3618, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

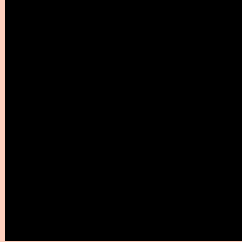
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9003, 0.3618, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 69.9003, 0.3618, 0.3478.

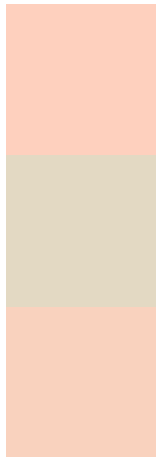


This preview shows how white text looks on a background with the Yxy color 69.9003, 0.3618, 0.3478.

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

69.9003, 0.3618, 0.3478

Protanopia

69.8967, 0.3353, 0.3533

Deuteranopia

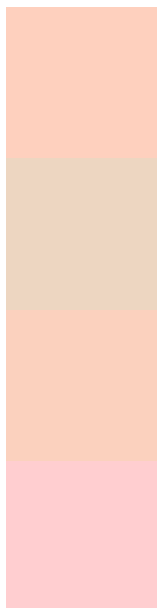
69.9506, 0.3574, 0.3501



Tritanopia

70.0371, 0.3410, 0.3149

Trichromacy



Original Color

69.9003, 0.3618, 0.3478

Protanomaly

69.9479, 0.3449, 0.3517

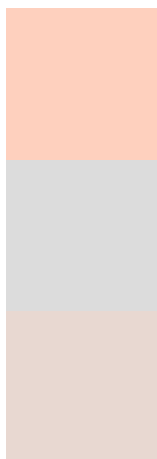
Deuteranomaly

69.8279, 0.3592, 0.3489

Tritanomaly

69.9567, 0.3492, 0.3271

Monochromacy



Original Color

69.9003, 0.3618, 0.3478

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8710, 0.3293, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9003, 0.3618, 0.3478 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, 208, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 190)  
}
```

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, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 190) }
```

Border

The CSS property to change the border of an element to Yxy 69.9003, 0.3618, 0.3478 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, 208, 190) }
```

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

```
.border{ border-color:rgb(254, 208, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 208, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9003, 0.3618, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 190) }
```

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

```
.background{ background-color: rgb(254,  
208, 190) }
```

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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