

Converting Colors

$Y_{xy}(68.9305, 0.3534, 0.3430)$

Have a look what the booklet for
Yxy(68.9305, 0.3534, 0.3430)
contains.

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Color

Yxy(69.0083, 0.3532, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	F8D0C3
RGB	248, 208, 195
RGB Percent	97%, 82%, 76%
CMY	0.0277, 0.1842, 0.2353
CMYK	0.00, 0.16, 0.21, 0.03
HSL	15°, 79%, 87%
HSV	15°, 21%, 97%
XYZ	71.1019, 69.0083, 61.1976
YIQ	218.4780, 28.0130, 4.4370

Conversions

Conversions Part 2

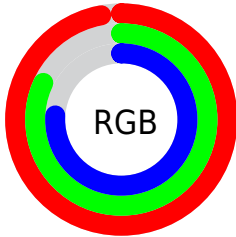
Format	Color
R _Y B	248, 212, 195
Decimal	16306371
CIE Lab	86.51, 12.04, 11.69
CIE LCh	87, 16.782, 44.134
Yxy	69.0083, 0.3532, 0.3428
Android (android.graphics.Color)	4294496451 (0xFFFF8D0C3)
YUV	218.4780, -11.5747, 25.8908
Hunter-Lab	83.0712, 7.4061, 14.4716

Details

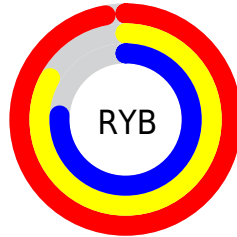
The Yxy color **69.0083, 0.3532, 0.3428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7398, 0.2799, 0.3148**, and the grayscale version is **70.5235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **36.1107, 0.3635, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **59.3964, 0.3782, 0.3497**, and if you desaturate by 10%, it is **79.8868, 0.3323, 0.3361**.

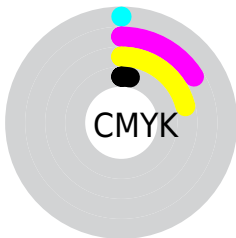
Distribution



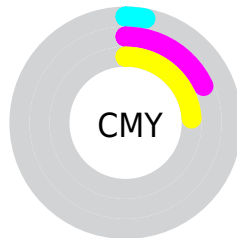
- Red (97%)
- Green (82%)
- Blue (76%)



- Red (97%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0083, 0.3532, 0.3428 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 69.0083, 0.3532, 0.3428 by changing the saturation by 10% instead.

 69.0083, 0.3532,
0.3428

 69.0083, 0.3532,
0.3428


457.0602, 0.3341,
0.3367

 50.7185, 0.3576,
0.3441

117.7934, 0.3465,
0.3407

 35.9846, 0.3632,
0.3457


149.0575, 0.3439,
0.3399

 24.4223, 0.3702,
0.3477


185.4152, 0.3417,
0.3392

 15.6472, 0.3795,
0.3502

227.2507, 0.3398,
0.3386

 9.2748, 0.3924,
0.3534

274.9486, 0.3381,
0.3380

 4.9209, 0.4113,
0.3575

328.8932, 0.3366,

 2.2009, 0.4415,

0.3375

0.3627

389.4690, 0.3353,
0.3371

0.7205, 0.5779,
0.4221

0.0000, 0.0000,
0.0000

69.0083, 0.3532,
0.3428

69.0083, 0.3532,
0.3428

59.3964, 0.3782,
0.3497

79.8868, 0.3323,
0.3361

50.9954, 0.4078,
0.3565

92.0663, 0.3148,
0.3298

43.7591, 0.4419,
0.3625

98.6862, 0.3084,
0.3290

37.6349, 0.4800,
0.3670

■ 32.5658, 0.5199,
0.3688

■ 28.4896, 0.5583,
0.3668

■ 25.3366, 0.5906,
0.3606

■ 23.2874, 0.6114,
0.3527

Harmonies

Analogous

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



69.0083, 0.3446, 0.3253



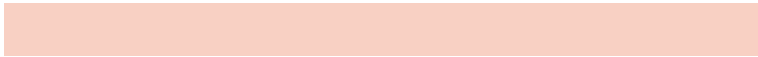
69.0083, 0.3532, 0.3428



69.0083, 0.3505, 0.3575

Triad

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



69.0083, 0.3532, 0.3428



69.0083, 0.2976, 0.3501



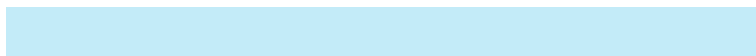
69.0083, 0.2878, 0.2945

Complementary

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



69.0083, 0.3532, 0.3428



77.7398, 0.2799, 0.3148

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.



69.0083, 0.2761, 0.2997



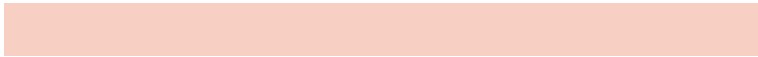
69.0083, 0.3532, 0.3428



69.0083, 0.2816, 0.3316

Square

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



69.0083, 0.3532, 0.3428



69.0083, 0.3180, 0.3626



69.0083, 0.2739, 0.3131



69.0083, 0.3064, 0.2981

Rectangle

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



69.0083, 0.3532, 0.3428



69.0083, 0.3427, 0.3636



69.0083, 0.2739, 0.3131



69.0083, 0.2830, 0.2953

Sweetspot

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



69.0114, 0.3532, 0.3428



91.9141, 0.3226, 0.3327



65.0058, 0.3242, 0.2876



19.4916, 0.3237, 0.3331



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.



69.0114, 0.3532, 0.3428



68.5936, 0.3644, 0.3460



82.6313, 0.3478, 0.3689



17.9191, 0.3288, 0.3349



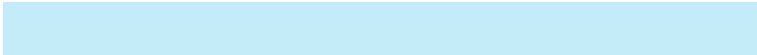
12.7699, 0.6087, 0.3549



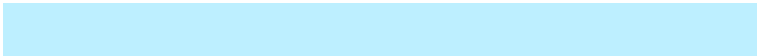
1.3420, 0.5860, 0.3729

Inverse Universe

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



77.7398, 0.2799, 0.3148



79.5459, 0.2729, 0.3113



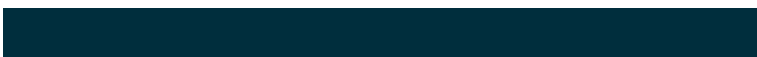
64.0318, 0.2778, 0.2857



18.8422, 0.2980, 0.3230



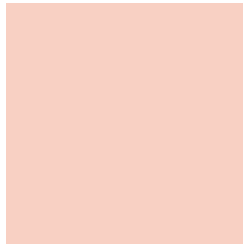
23.0813, 0.2020, 0.2472



2.3036, 0.2050, 0.2581

Previews

White Background



This preview shows how the Yxy color 69.0083, 0.3532, 0.3428 looks on a white background.

Color Contrast Check

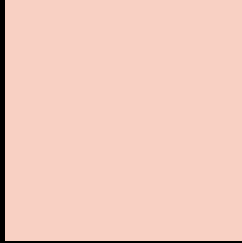
Large Text (above 18pt) WCAG AA × Fail

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 69.0083, 0.3532, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

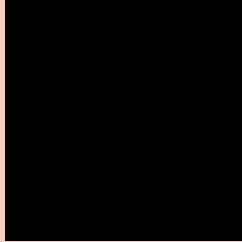
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0083, 0.3532, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 69.0083, 0.3532, 0.3428.



This preview shows how white text looks on a background with the Yxy color 69.0083, 0.3532, 0.3428.

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

69.0083, 0.3532, 0.3428

Protanopia

69.2428, 0.3311, 0.3478

Deuteranopia

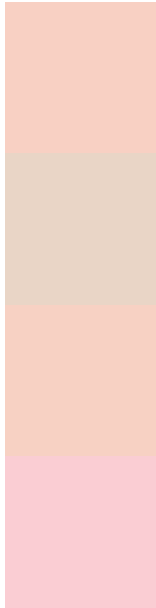
69.1339, 0.3515, 0.3439



Tritanopia

68.8623, 0.3373, 0.3127

Trichromacy



Original Color

69.0083, 0.3532, 0.3428

Protanomaly

68.9894, 0.3384, 0.3454

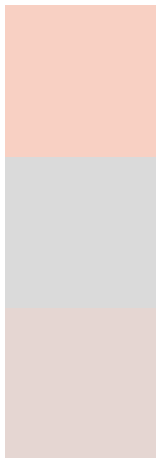
Deuteranomaly

69.3152, 0.3522, 0.3438

Tritanomaly

68.6898, 0.3432, 0.3229

Monochromacy



Original Color

69.0083, 0.3532, 0.3428

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4043, 0.3266, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0083, 0.3532, 0.3428 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(248, 208, 195)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 195)  
}
```

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(248, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 195) }
```

Border

The CSS property to change the border of an element to Yxy 69.0083, 0.3532, 0.3428 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(248, 208, 195) }
```

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

```
.border{ border-color:rgb(248, 208, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 208, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0083, 0.3532, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 195) }
```

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

```
.background{ background-color: rgb(248,  
208, 195) }
```

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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