

Converting Colors

$Y_{xy}(72.9696, 0.3670, 0.3410)$

Have a look what the booklet for
Yxy(72.9696, 0.3670, 0.3410)
contains.

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Color

Yxy(70.4030, 0.3572, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0C5
RGB	255, 208, 197
RGB Percent	100%, 82%, 77%
CMY	0.0000, 0.1843, 0.2273
CMYK	0.00, 0.18, 0.23, 0.00
HSL	11°, 100%, 89%
HSV	11°, 23%, 100%
XYZ	73.8776, 70.4030, 62.5437
YIQ	220.7990, 31.5430, 6.5430

Conversions

Conversions Part 2

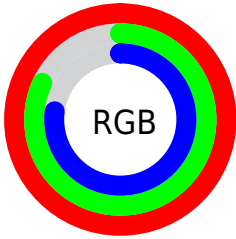
Format	Color
R _Y B	255, 211, 197
Decimal	16765125
CIE Lab	87.19, 14.92, 11.67
CIE LCh	87, 18.940, 38.027
Yxy	70.4030, 0.3572, 0.3404
Android (android.graphics.Color)	4294955205 (0xFFFFD0C5)
YUV	220.7990, -11.7329, 29.9943
Hunter-Lab	83.9065, 10.3286, 14.5399

Details

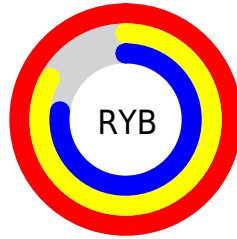
The Yxy color **70.4030, 0.3572, 0.3404** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.8219, 0.2780, 0.3173**, and the grayscale version is **72.2289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **37.1001, 0.3687, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **59.8995, 0.3838, 0.3458**, and if you desaturate by 10%, it is **82.4251, 0.3352, 0.3352**.

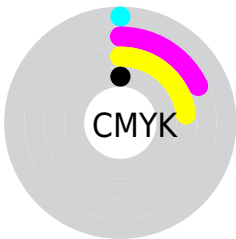
Distribution



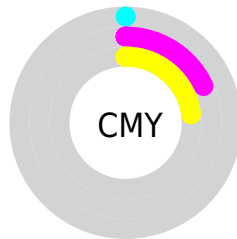
- Red (100%)
- Green (82%)
- Blue (77%)



- Red (100%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4030, 0.3572, 0.3404 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 70.4030, 0.3572, 0.3404 by changing the saturation by 10% instead.


 70.4030, 0.3572,
0.3404

 70.4030, 0.3572,
0.3404


461.9637, 0.3363,
0.3355

 51.8551, 0.3620,
0.3414


119.7833, 0.3499,
0.3388

 36.8896, 0.3681,
0.3427


151.3845, 0.3471,
0.3381

 25.1220, 0.3757,
0.3442


188.1056, 0.3446,
0.3375

 16.1680, 0.3859,
0.3460

230.3311, 0.3425,
0.3370

 9.6431, 0.3998,
0.3482

278.4452, 0.3407,
0.3366

 5.1630, 0.4201,
0.3508

332.8324, 0.3391,

 2.3432, 0.4524,

0.3362

0.3534

393.8771, 0.3376,
0.3358

0.7964, 0.5763,
0.3980

0.0000, 1.0000,
0.0000

70.4030, 0.3572,
0.3404

70.4030, 0.3572,
0.3404

59.8995, 0.3838,
0.3458

82.4251, 0.3352,
0.3352

50.8447, 0.4154,
0.3509

96.0133, 0.3171,
0.3303

43.1773, 0.4522,
0.3554

100.0000, 0.3127,
0.3290

36.8279, 0.4931,
0.3583

■ 31.7208, 0.5355,
0.3588

■ 27.7726, 0.5750,
0.3560

■ 24.8889, 0.6063,
0.3498

■ 23.3919, 0.6223,
0.3441

Harmonies

Analogous

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



70.4030, 0.3452, 0.3208



70.4030, 0.3572, 0.3404



70.4030, 0.3567, 0.3579

Triad

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



70.4030, 0.3572, 0.3404



70.4030, 0.3002, 0.3564



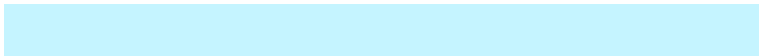
70.4030, 0.2814, 0.2908

Complementary

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



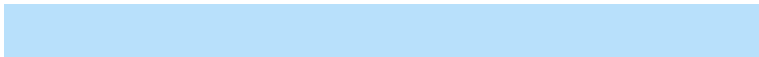
70.4030, 0.3572, 0.3404



83.8219, 0.2780, 0.3173

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.



70.4030, 0.2704, 0.2985



70.4030, 0.3572, 0.3404



70.4030, 0.2809, 0.3363

Square

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



70.4030, 0.3572, 0.3404



70.4030, 0.3233, 0.3683



70.4030, 0.2702, 0.3149



70.4030, 0.3009, 0.2929

Rectangle

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



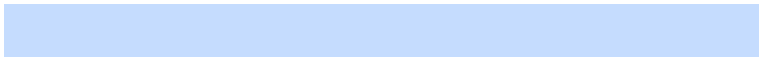
70.4030, 0.3572, 0.3404



70.4030, 0.3495, 0.3661



70.4030, 0.2702, 0.3149



70.4030, 0.2766, 0.2923

Sweetspot

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



70.4062, 0.3572, 0.3404



90.0132, 0.3244, 0.3323



67.7665, 0.3230, 0.2821



19.0901, 0.3255, 0.3326



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.



70.4062, 0.3572, 0.3404



65.7363, 0.3679, 0.3427



85.6574, 0.3509, 0.3688



18.5427, 0.3290, 0.3336



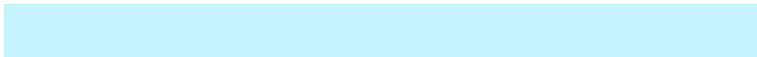
12.3805, 0.6199, 0.3460



1.3459, 0.5998, 0.3620

Inverse Universe

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



83.8219, 0.2780, 0.3173



81.1707, 0.2718, 0.3148



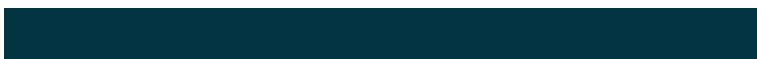
67.8990, 0.2756, 0.2857



19.8631, 0.2980, 0.3244



27.2437, 0.2075, 0.2671



2.7962, 0.2097, 0.2750

Previews

White Background



This preview shows how the Yxy color 70.4030, 0.3572, 0.3404 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 70.4030, 0.3572, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

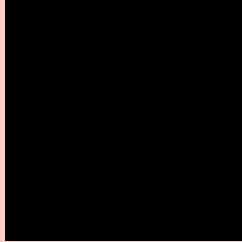
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4030, 0.3572, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 70.4030, 0.3572, 0.3404.

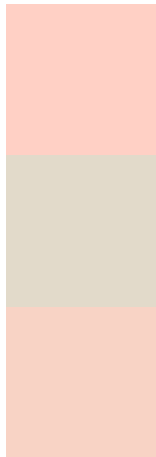


This preview shows how white text looks on a background with the Yxy color 70.4030, 0.3572, 0.3404.

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

70.4030, 0.3572, 0.3404

Protanopia

70.5758, 0.3295, 0.3466

Deuteranopia

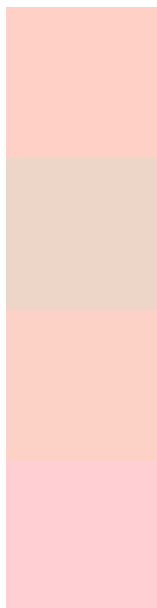
70.5762, 0.3511, 0.3438



Tritanopia

70.5699, 0.3401, 0.3149

Trichromacy



Original Color

70.4030, 0.3572, 0.3404

Protanomaly

70.2678, 0.3398, 0.3441

Deuteranomaly

70.6336, 0.3537, 0.3426

Tritanomaly

70.6391, 0.3460, 0.3240

Monochromacy



Original Color

70.4030, 0.3572, 0.3404

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.1888, 0.3280, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4030, 0.3572, 0.3404 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(255, 208, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 197)  
}
```

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(255, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 197) }
```

Border

The CSS property to change the border of an element to Yxy 70.4030, 0.3572, 0.3404 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(255, 208, 197) }
```

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

```
.border{ border-color:rgb(255, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4030, 0.3572, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 197) }
```

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

```
.background{ background-color: rgb(255,  
208, 197) }
```

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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