

Converting Colors

$Yxy(82.3013, 0.4037, 0.3498)$

Have a look what the booklet for
Yxy(82.3013, 0.4037, 0.3498)
contains.

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Color

Yxy(70.9410, 0.3644, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2BB
RGB	255, 210, 187
RGB Percent	100%, 82%, 73%
CMY	0.0000, 0.1764, 0.2668
CMYK	0.00, 0.18, 0.27, 0.00
HSL	20°, 100%, 87%
HSV	20°, 27%, 100%
XYZ	73.2528, 70.9410, 56.8292
YIQ	220.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

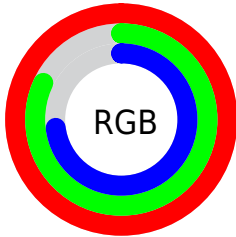
Format	Color
R _Y B	255, 222, 187
Decimal	16765627
CIE Lab	87.46, 12.49, 17.35
CIE LCh	87, 21.374, 54.245
Yxy	70.9410, 0.3644, 0.3529
Android (android.graphics.Color)	4294955707 (0xFFFFD2BB)
YUV	220.8330, -16.6797, 29.9645
Hunter-Lab	84.2265, 7.8472, 18.9545

Details

The Yxy color **70.9410, 0.3644, 0.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4712, 0.2712, 0.3037**, and the grayscale version is **72.2848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **37.0342, 0.3765, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **62.0540, 0.3901, 0.3623**, and if you desaturate by 10%, it is **80.9059, 0.3423, 0.3436**.

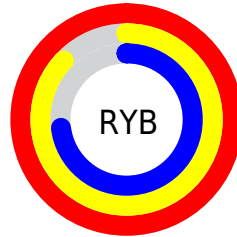
Distribution



Red (100%)

Green (82%)

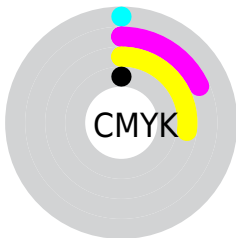
Blue (73%)



Red (100%)

Yellow (87%)

Blue (73%)

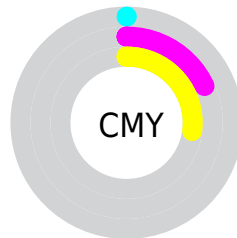


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9410, 0.3644, 0.3529 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 70.9410, 0.3644, 0.3529 by changing the saturation by 10% instead.


 70.9410, 0.3644,
0.3529

 70.9410, 0.3644,
0.3529


463.8472, 0.3402,
0.3423

 52.2940, 0.3700,
0.3552


 120.5497, 0.3559,
0.3493

 37.2395, 0.3769,
0.3580


152.2803, 0.3527,
0.3479

 25.3930, 0.3857,
0.3614


189.1408, 0.3499,
0.3467

 16.3701, 0.3973,
0.3656

231.5157, 0.3474,
0.3456

 9.7864, 0.4130,
0.3709

279.7894, 0.3453,
0.3446

 5.2576, 0.4357,
0.3777

334.3463, 0.3434,

 2.3992, 0.4706,

0.3438

0.3859

395.5708, 0.3417,
0.3430

0.8255, 0.5745,
0.4255

0.0000, 1.0000,
0.0000

70.9410, 0.3644,
0.3529

70.9410, 0.3644,
0.3529

62.0540, 0.3901,
0.3623

80.9059, 0.3423,
0.3436

54.1979, 0.4197,
0.3713

91.9743, 0.3236,
0.3346

47.3362, 0.4527,
0.3789

99.9994, 0.3127,
0.3290

41.4266, 0.4879,
0.3840

■ 36.4231, 0.5233,
0.3854

■ 32.2754, 0.5558,
0.3819

■ 28.9261, 0.5822,
0.3733

■ 27.9727, 0.5898,
0.3699

Harmonies

Analogous

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



70.9410, 0.3582, 0.3315



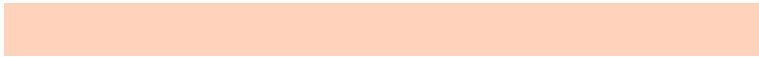
70.9410, 0.3644, 0.3529



70.9410, 0.3560, 0.3692

Triad

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



70.9410, 0.3644, 0.3529



70.9410, 0.2859, 0.3483



70.9410, 0.2884, 0.2862

Complementary

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



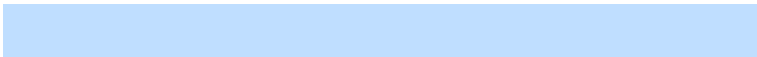
70.9410, 0.3644, 0.3529



75.4712, 0.2712, 0.3037

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.



70.9410, 0.2705, 0.2887



70.9410, 0.3644, 0.3529



70.9410, 0.2691, 0.3237

Square

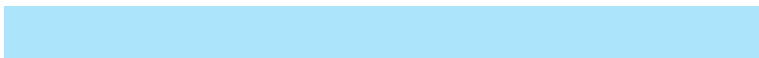
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9410, 0.3644, 0.3529



70.9410, 0.3103, 0.3677



70.9410, 0.2636, 0.3020



70.9410, 0.3135, 0.2941

Rectangle

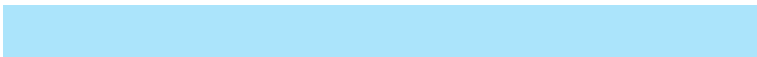
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9410, 0.3644, 0.3529



70.9410, 0.3437, 0.3747



70.9410, 0.2636, 0.3020



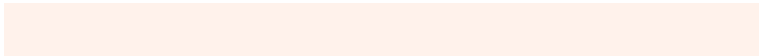
70.9410, 0.2814, 0.2858

Sweetspot

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



70.9443, 0.3644, 0.3529



90.4474, 0.3259, 0.3358



62.6327, 0.3330, 0.2834



18.9924, 0.3286, 0.3371



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.



70.9443, 0.3644, 0.3529



66.0825, 0.3776, 0.3579



89.3428, 0.3559, 0.3856



18.9924, 0.3286, 0.3371



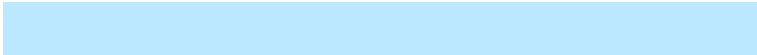
14.8631, 0.5868, 0.3723



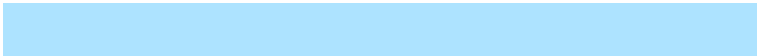
1.6399, 0.5649, 0.3897

Inverse Universe

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



75.4712, 0.2712, 0.3037



71.2877, 0.2630, 0.2979



58.3109, 0.2674, 0.2652



19.3844, 0.2980, 0.3208



18.8172, 0.1928, 0.2140



2.0346, 0.1968, 0.2286

Previews

White Background



This preview shows how the Yxy color 70.9410, 0.3644, 0.3529 looks on a white background.

Color Contrast Check

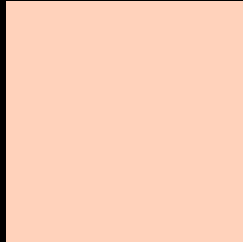
Large Text (above 18pt) WCAG AA × Fail

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 70.9410, 0.3644, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

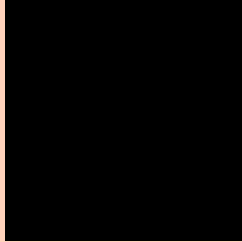
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9410, 0.3644, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 70.9410, 0.3644, 0.3529.

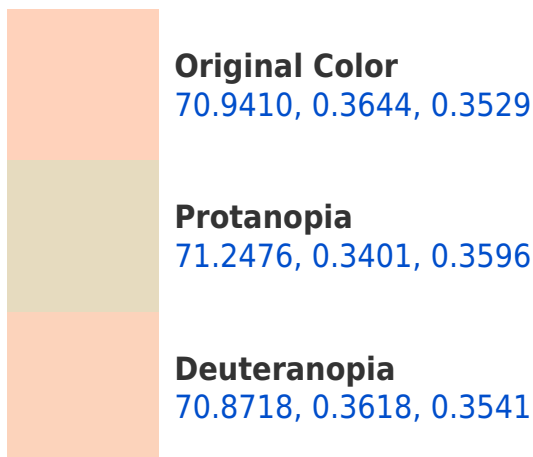


This preview shows how white text looks on a background with the Yxy color 70.9410, 0.3644, 0.3529.

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





Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

70.9410, 0.3644, 0.3529

Protanomaly

71.1802, 0.3482, 0.3569

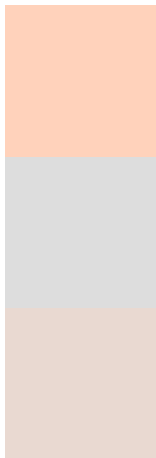
Deuteranomaly

71.0590, 0.3625, 0.3540

Tritanomaly

70.9752, 0.3481, 0.3281

Monochromacy



Original Color

70.9410, 0.3644, 0.3529

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5528, 0.3300, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9410, 0.3644, 0.3529 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, 210, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 187)  
}
```

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, 210, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 187) }
```

Border

The CSS property to change the border of an element to Yxy 70.9410, 0.3644, 0.3529 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, 210, 187) }
```

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

```
.border{ border-color:rgb(255, 210, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9410, 0.3644, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 187) }
```

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

```
.background{ background-color: rgb(255,  
210, 187) }
```

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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