

Converting Colors

$Y_{xy}(76.5900, 0.3992, 0.3659)$

Have a look what the booklet for
Yxy(76.5900, 0.3992, 0.3659)
contains.

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Color

Yxy(70.3317, 0.3758, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2AC
RGB	255, 210, 172
RGB Percent	100%, 82%, 67%
CMY	0.0000, 0.1765, 0.3254
CMYK	0.00, 0.18, 0.33, 0.00
HSL	27°, 100%, 84%
HSV	27°, 33%, 100%
XYZ	71.7444, 70.3317, 48.8351
YIQ	219.1230, 39.0180, -2.2780

Conversions

Conversions Part 2

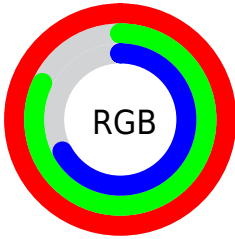
Format	Color
R _Y B	255, 242, 172
Decimal	16765612
CIE Lab	87.16, 10.60, 24.77
CIE LCh	87, 26.942, 66.828
Yxy	70.3317, 0.3758, 0.3684
Android (android.graphics.Color)	4294955692 (0xFFFFD2AC)
YUV	219.1230, -23.2316, 31.4641
Hunter-Lab	83.8640, 5.9422, 24.1795

Details

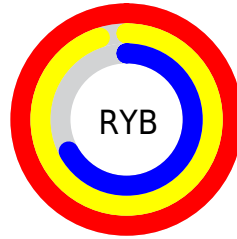
The Yxy color **70.3317, 0.3758, 0.3684** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.6363, 0.2608, 0.2858**, and the grayscale version is **71.0693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **36.9792, 0.3911, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **62.9032, 0.4010, 0.3808**, and if you desaturate by 10%, it is **78.5315, 0.3534, 0.3558**.

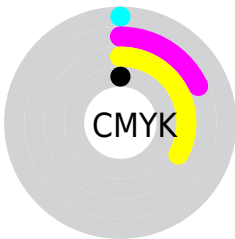
Distribution



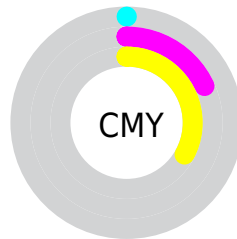
- Red (100%)
- Green (82%)
- Blue (67%)



- Red (100%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3317, 0.3758, 0.3684 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 70.3317, 0.3758, 0.3684 by changing the saturation by 10% instead.


 70.3317, 0.3758,
0.3684

 70.3317, 0.3758,
0.3684


461.7138, 0.3463,
0.3508

 51.7970, 0.3826,
0.3722


 119.6817, 0.3655,
0.3624

 36.8433, 0.3909,
0.3768


151.2657, 0.3616,
0.3601

 25.0862, 0.4014,
0.3825


187.9683, 0.3581,
0.3580

 16.1413, 0.4151,
0.3894

230.1739, 0.3551,
0.3562

 9.6242, 0.4334,
0.3981

278.2669, 0.3525,
0.3546

 5.1505, 0.4589,
0.4089

332.6316, 0.3502,

 2.3358, 0.5073,

0.3532

0.4306

393.6524, 0.3482,
0.3519

0.7926, 0.5637,
0.4363

0.0000, 0.0000,
0.0000

70.3317, 0.3758,
0.3684

70.3317, 0.3758,
0.3684

62.9032, 0.4010,
0.3808

78.5315, 0.3534,
0.3558

56.2309, 0.4287,
0.3920

87.5375, 0.3337,
0.3435

50.2840, 0.4581,
0.4012

97.3691, 0.3167,
0.3318

45.0329, 0.4880,
0.4068

100.0000, 0.3127,
0.3290

■ 40.4455, 0.5162,
0.4077

■ 36.4853, 0.5408,
0.4031

■ 33.9078, 0.5562,
0.3965

Harmonies

Analogous

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



70.3317, 0.3760, 0.3432



70.3317, 0.3758, 0.3684



70.3317, 0.3580, 0.3849

Triad

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



70.3317, 0.3758, 0.3684



70.3317, 0.2686, 0.3404



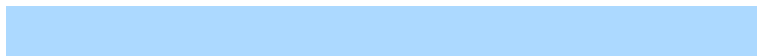
70.3317, 0.2944, 0.2783

Complementary

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



70.3317, 0.3758, 0.3684



65.6363, 0.2608, 0.2858

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.



70.3317, 0.2676, 0.2756



70.3317, 0.3758, 0.3684



70.3317, 0.2533, 0.3094

Square

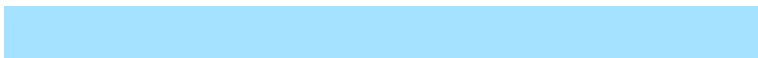
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3317, 0.3758, 0.3684



70.3317, 0.2958, 0.3696



70.3317, 0.2530, 0.2862



70.3317, 0.3276, 0.2929

Rectangle

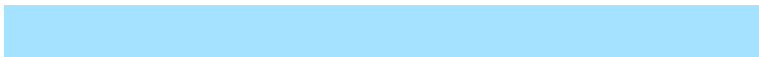
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3317, 0.3758, 0.3684



70.3317, 0.3391, 0.3878



70.3317, 0.2530, 0.2862



70.3317, 0.2844, 0.2760

Sweetspot

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



70.3282, 0.3758, 0.3684



89.9551, 0.3292, 0.3405



55.8185, 0.3471, 0.2824



18.9663, 0.3317, 0.3422



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.



70.3282, 0.3758, 0.3684



65.4438, 0.3917, 0.3765



93.1409, 0.3632, 0.4069



19.3564, 0.3283, 0.3399



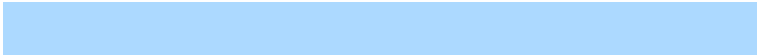
18.0079, 0.5535, 0.3987



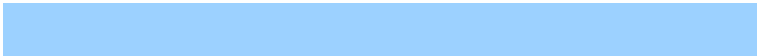
1.9687, 0.5344, 0.4139

Inverse Universe

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



65.6363, 0.2608, 0.2858



60.0875, 0.2504, 0.2756



47.1120, 0.2547, 0.2370



19.0105, 0.2979, 0.3178



13.6212, 0.1811, 0.1718



1.5448, 0.1864, 0.1911

Previews

White Background



This preview shows how the Yxy color 70.3317, 0.3758, 0.3684 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 70.3317, 0.3758, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

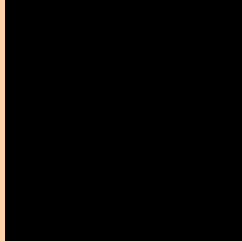
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3317, 0.3758, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 70.3317, 0.3758, 0.3684.



This preview shows how white text looks on a background with the Yxy color 70.3317, 0.3758, 0.3684.

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

70.3317, 0.3758, 0.3684

Protanopia

70.4332, 0.3524, 0.3750

Deuteranopia

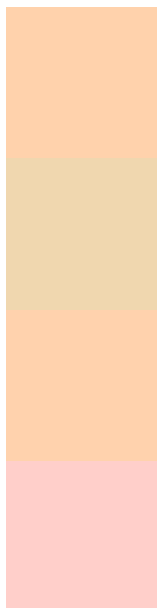
70.3703, 0.3750, 0.3674



Tritanopia

70.5171, 0.3409, 0.3159

Trichromacy



Original Color

70.3317, 0.3758, 0.3684

Protanomaly

70.2213, 0.3602, 0.3721

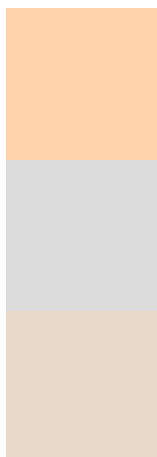
Deuteranomaly

70.3703, 0.3750, 0.3674

Tritanomaly

70.1499, 0.3536, 0.3343

Monochromacy



Original Color

70.3317, 0.3758, 0.3684

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5318, 0.3343, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3317, 0.3758, 0.3684 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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(255, 210, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 172) }
```

Border

The CSS property to change the border of an element to Yxy 70.3317, 0.3758, 0.3684 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, 172) }
```

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

```
.border{ border-color:rgb(255, 210, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3317, 0.3758, 0.3684 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, 172) }
```

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

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