

Converting Colors

$Yxy(76.5594, 0.4025, 0.3672)$

Have a look what the booklet for
Yxy(76.5594, 0.4025, 0.3672)
contains.

Yxy(70.2178, 0.3781, 0.3715)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.2178, 0.3781, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A9
RGB	255, 210, 169
RGB Percent	100%, 82%, 66%
CMY	0.0000, 0.1765, 0.3372
CMYK	0.00, 0.18, 0.34, 0.00
HSL	29°, 100%, 83%
HSV	29°, 34%, 100%
XYZ	71.4653, 70.2178, 47.3285
YIQ	218.7810, 39.9810, -3.2110

Conversions

Conversions Part 2

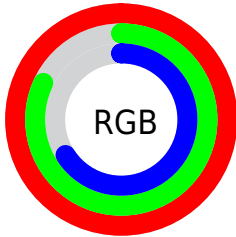
Format	Color
R_{YB}	255, 247, 169
Decimal	16765609
CIE Lab	87.10, 10.25, 26.26
CIE LCh	87, 28.193, 68.680
Yxy	70.2178, 0.3781, 0.3715
Android (android.graphics.Color)	4294955689 (0xFFFFD2A9)
YUV	218.7810, -24.5420, 31.7641
Hunter-Lab	83.7961, 5.5902, 25.1699

Details

The Yxy color **70.2178, 0.3781, 0.3715** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.7651, 0.2586, 0.2821**, and the grayscale version is **70.8239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **36.9316, 0.3930, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **63.0245, 0.4031, 0.3843**, and if you desaturate by 10%, it is **78.1315, 0.3556, 0.3584**.

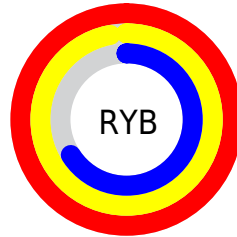
Distribution



Red (100%)

Green (82%)

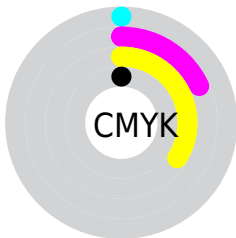
Blue (66%)



Red (100%)

Yellow (97%)

Blue (66%)

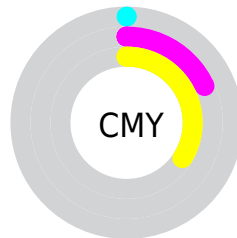


Cyan (0%)

Magenta (18%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2178, 0.3781, 0.3715 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 70.2178, 0.3781, 0.3715 by changing the saturation by 10% instead.


 70.2178, 0.3781,
0.3715

 70.2178, 0.3781,
0.3715


461.3144, 0.3476,
0.3525

 51.7041, 0.3851,
0.3756


 119.5193, 0.3675,
0.3651

 36.7693, 0.3937,
0.3806


151.0759, 0.3634,
0.3625

 25.0289, 0.4045,
0.3866


187.7489, 0.3598,
0.3603

 16.0986, 0.4186,
0.3941

229.9228, 0.3567,
0.3584

 9.5939, 0.4373,
0.4034

277.9819, 0.3540,
0.3566

 5.1306, 0.4631,
0.4148

332.3106, 0.3516,

 2.3241, 0.5162,

0.3551

0.4410

393.2933, 0.3495,
0.3537

0.7864, 0.5616,
0.4384

0.0000, 0.0000,
0.0000

70.2178, 0.3781,
0.3715

70.2178, 0.3781,
0.3715

63.0245, 0.4031,
0.3843

78.1315, 0.3556,
0.3584

56.5518, 0.4305,
0.3958

86.8130, 0.3358,
0.3456

50.7657, 0.4592,
0.4051

96.2759, 0.3185,
0.3334

45.6380, 0.4880,
0.4106

100.0000, 0.3127,
0.3290

■ 41.1382, 0.5150,
0.4113

■ 37.2311, 0.5382,
0.4064

■ 35.0560, 0.5506,
0.4010

Harmonies

Analogous

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



70.2178, 0.3796, 0.3454



70.2178, 0.3781, 0.3715



70.2178, 0.3584, 0.3882

Triad

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



70.2178, 0.3781, 0.3715



70.2178, 0.2652, 0.3388



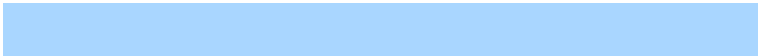
70.2178, 0.2956, 0.2767

Complementary

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



70.2178, 0.3781, 0.3715



63.7651, 0.2586, 0.2821

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.



70.2178, 0.2670, 0.2730



70.2178, 0.3781, 0.3715



70.2178, 0.2502, 0.3066

Square

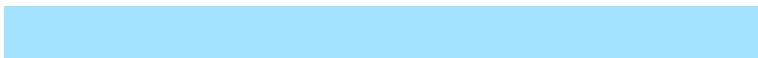
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2178, 0.3781, 0.3715



70.2178, 0.2929, 0.3700



70.2178, 0.2509, 0.2831



70.2178, 0.3304, 0.2926

Rectangle

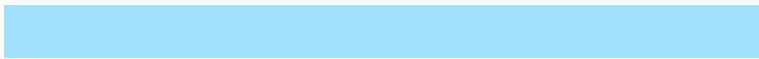
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2178, 0.3781, 0.3715



70.2178, 0.3383, 0.3905



70.2178, 0.2509, 0.2831



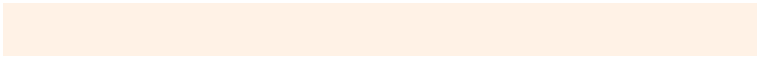
70.2178, 0.2850, 0.2740

Sweetspot

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



70.2097, 0.3780, 0.3715



90.2411, 0.3291, 0.3410



54.5406, 0.3500, 0.2820



19.0354, 0.3316, 0.3427



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.



70.2097, 0.3780, 0.3715



65.6131, 0.3935, 0.3796



93.8299, 0.3646, 0.4109



19.4148, 0.3282, 0.3404



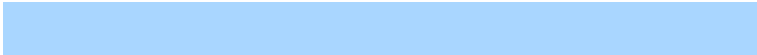
18.6121, 0.5480, 0.4031



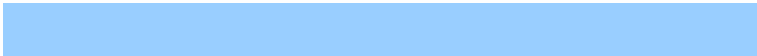
2.0292, 0.5295, 0.4178

Inverse Universe

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



63.7651, 0.2586, 0.2821



58.3282, 0.2485, 0.2716



45.1157, 0.2520, 0.2314



18.9516, 0.2979, 0.3174



12.9113, 0.1793, 0.1653



1.4760, 0.1848, 0.1852

Previews

White Background



This preview shows how the Yxy color 70.2178, 0.3781, 0.3715 looks on a white background.

Color Contrast Check

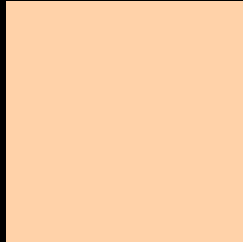
Large Text (above 18pt) WCAG AA × Fail

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 70.2178, 0.3781, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

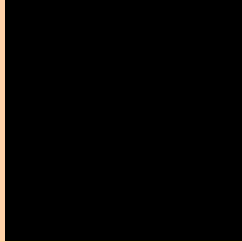
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.2178, 0.3781, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 70.2178, 0.3781, 0.3715.



This preview shows how white text looks on a background with the Yxy color 70.2178, 0.3781, 0.3715.

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

70.2178, 0.3781, 0.3715

Protanopia

70.3157, 0.3546, 0.3784

Deuteranopia

70.2935, 0.3765, 0.3695



Tritanopia

70.0371, 0.3410, 0.3149

Trichromacy



Original Color

70.2178, 0.3781, 0.3715

Protanomaly

70.1047, 0.3624, 0.3753

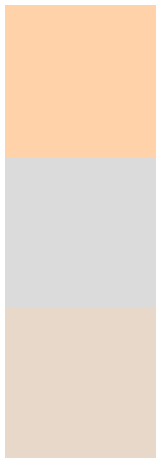
Deuteranomaly

70.2555, 0.3773, 0.3705

Tritanomaly

70.1027, 0.3544, 0.3353

Monochromacy



Original Color

70.2178, 0.3781, 0.3715

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.4846, 0.3350, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2178, 0.3781, 0.3715 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 169) }
```

Border

The CSS property to change the border of an element to Yxy 70.2178, 0.3781, 0.3715 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, 169) }
```

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

```
.border{ border-color:rgb(255, 210, 169) }
```

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, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2178, 0.3781, 0.3715 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
210, 169) }
```

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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