

Converting Colors

$Y_{xy}(70.9127, 0.3559, 0.3424)$

Have a look what the booklet for
Yxy(70.9127, 0.3559, 0.3424)
contains.

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Color

Yxy(71.1952, 0.3560, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	FED2C5
RGB	254, 210, 197
RGB Percent	100%, 82%, 77%
CMY	0.0039, 0.1765, 0.2274
CMYK	0.00, 0.17, 0.22, 0.00
HSL	14°, 97%, 88%
HSV	14°, 22%, 100%
XYZ	74.0014, 71.1952, 62.6726
YIQ	221.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

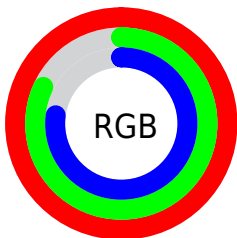
Format	Color
R_{YB}	254, 214, 197
Decimal	16700101
CIE _{Lab}	87.58, 13.51, 12.22
CIE _{LCh}	88, 18.218, 42.117
Yxy	71.1952, 0.3560, 0.3425
Android (android.graphics.Color)	4294890181 (0xFF FED2C5)
YUV	221.6740, -12.1643, 28.3499
Hunter-Lab	84.3772, 8.8898, 15.0255

Details

The Yxy color **71.1952, 0.3560, 0.3425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9528, 0.2783, 0.3151**, and the grayscale version is **72.8793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **37.2962, 0.3673, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **61.0318, 0.3818, 0.3489**, and if you desaturate by 10%, it is **82.7482, 0.3345, 0.3363**.

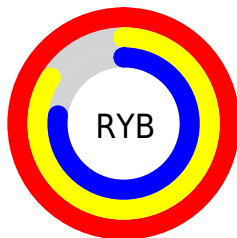
Distribution



Red (100%)

Green (82%)

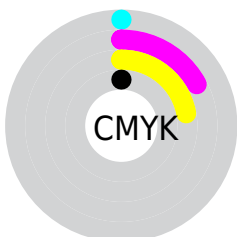
Blue (77%)



Red (100%)

Yellow (84%)

Blue (77%)

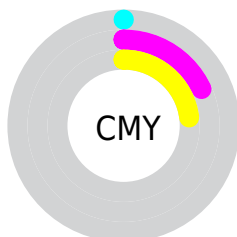


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1952, 0.3560, 0.3425 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 71.1952, 0.3560, 0.3425 by changing the saturation by 10% instead.

 71.1952, 0.3560,
0.3425

 71.1952, 0.3560,
0.3425


464.7355, 0.3357,
0.3366

 52.5015, 0.3607,
0.3438


120.9116, 0.3489,
0.3405

 37.4050, 0.3665,
0.3453


152.7031, 0.3462,
0.3397

 25.5212, 0.3739,
0.3471


189.6294, 0.3438,
0.3390

 16.4658, 0.3837,
0.3494

232.0748, 0.3418,
0.3384

 9.8544, 0.3971,
0.3523

280.4237, 0.3400,
0.3379

 5.3025, 0.4166,
0.3559

335.0605, 0.3384,

 2.4258, 0.4474,

0.3374

0.3601

396.3697, 0.3370,
0.3370

0.8391, 0.5637,
0.4074

0.0000, 1.0000,
0.0000

71.1952, 0.3560,
0.3425

71.1952, 0.3560,
0.3425

61.0318, 0.3818,
0.3489

82.7482, 0.3345,
0.3363

52.1956, 0.4124,
0.3552

95.7307, 0.3166,
0.3304

44.6340, 0.4477,
0.3606

99.8128, 0.3121,
0.3290

38.2869, 0.4869,
0.3644

■ 33.0893, 0.5277,
0.3655

■ 28.9696, 0.5662,
0.3629

■ 25.8475, 0.5978,
0.3563

■ 24.0867, 0.6153,
0.3497

Harmonies

Analogous

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



71.1952, 0.3460, 0.3237



71.1952, 0.3560, 0.3425



71.1952, 0.3539, 0.3587

Triad

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



71.1952, 0.3560, 0.3425



71.1952, 0.2978, 0.3529



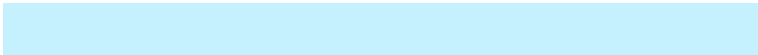
71.1952, 0.2848, 0.2921

Complementary

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



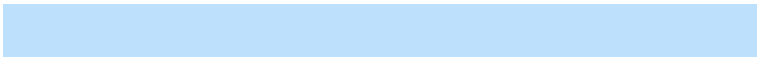
71.1952, 0.3560, 0.3425



81.9528, 0.2783, 0.3151

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.



71.1952, 0.2730, 0.2982



71.1952, 0.3560, 0.3425



71.1952, 0.2803, 0.3332

Square

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



71.1952, 0.3560, 0.3425



71.1952, 0.3198, 0.3657



71.1952, 0.2713, 0.3130



71.1952, 0.3044, 0.2953

Rectangle

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



71.1952, 0.3560, 0.3425



71.1952, 0.3460, 0.3657



71.1952, 0.2713, 0.3130



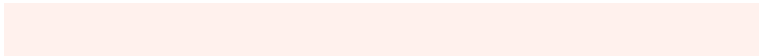
71.1952, 0.2799, 0.2931

Sweetspot

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



71.1985, 0.3560, 0.3425



90.4225, 0.3243, 0.3330



67.4021, 0.3243, 0.2845



19.1847, 0.3254, 0.3334



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.



71.1985, 0.3560, 0.3425



66.9768, 0.3672, 0.3454



86.1729, 0.3500, 0.3701



18.6584, 0.3289, 0.3345



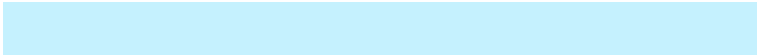
12.8789, 0.6127, 0.3517



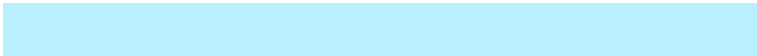
1.4100, 0.5914, 0.3686

Inverse Universe

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



81.9528, 0.2783, 0.3151



79.5936, 0.2715, 0.3119



66.6991, 0.2759, 0.2842



19.7381, 0.2980, 0.3235



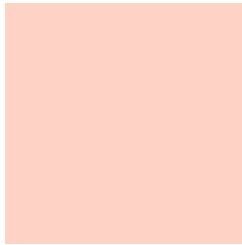
24.8494, 0.2038, 0.2536



2.5827, 0.2064, 0.2632

Previews

White Background



This preview shows how the Yxy color 71.1952, 0.3560, 0.3425 looks on a white background.

Color Contrast Check

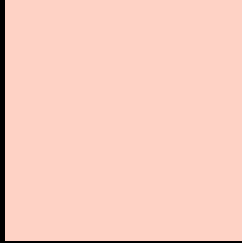
Large Text (above 18pt) WCAG AA × Fail

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 71.1952, 0.3560, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

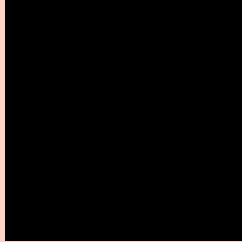
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1952, 0.3560, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 71.1952, 0.3560, 0.3425.



This preview shows how white text looks on a background with the Yxy color 71.1952, 0.3560, 0.3425.

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

71.1952, 0.3560, 0.3425

Protanopia

71.4213, 0.3309, 0.3476

Deuteranopia

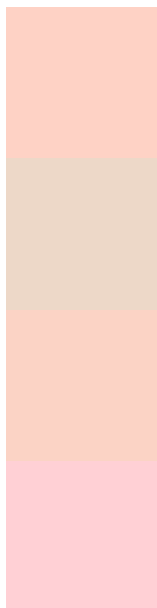
71.2579, 0.3517, 0.3448



Tritanopia

71.1596, 0.3385, 0.3139

Trichromacy



Original Color

71.1952, 0.3560, 0.3425

Protanomaly

71.2864, 0.3395, 0.3462

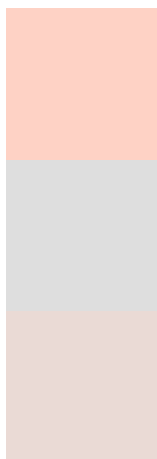
Deuteranomaly

71.1290, 0.3534, 0.3436

Tritanomaly

71.1758, 0.3451, 0.3240

Monochromacy



Original Color

71.1952, 0.3560, 0.3425

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4393, 0.3278, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1952, 0.3560, 0.3425 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(254, 210, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 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(254, 210, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 197) }
```

Border

The CSS property to change the border of an element to Yxy 71.1952, 0.3560, 0.3425 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(254, 210, 197) }
```

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

```
.border{ border-color:rgb(254, 210, 197) }
```

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

Here you see how a box with a 4 pixel rgb(254, 210, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1952, 0.3560, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 197) }
```

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

```
.background{ background-color: rgb(254,  
210, 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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