

Converting Colors

$Y_{xy}(69.7930, 0.3579, 0.3553)$

Have a look what the booklet for
Yxy(69.7930, 0.3579, 0.3553)
contains.

Yxy(69.7265, 0.3578, 0.3556)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.7265, 0.3578, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	F6D3BA
RGB	246, 211, 186
RGB Percent	96%, 83%, 73%
CMY	0.0353, 0.1725, 0.2707
CMYK	0.00, 0.14, 0.24, 0.04
HSL	25°, 77%, 85%
HSV	25°, 24%, 96%
XYZ	70.1579, 69.7265, 56.1969
YIQ	218.6150, 28.8850, -0.3550

Conversions

Conversions Part 2

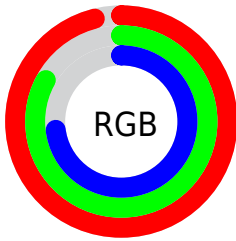
Format	Color
RYB	246, 229, 186
Decimal	16176058
CIELab	86.86, 8.50, 16.92
CIELCh	87, 18.936, 63.329
Yxy	69.7265, 0.3578, 0.3556
Android (android.graphics.Color)	4294366138 (0xFFFF6D3BA)
YUV	218.6150, -16.0792, 24.0166
Hunter-Lab	83.5024, 3.8447, 18.5497

Details

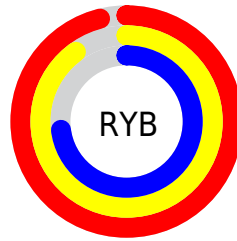
The Yxy color **69.7265, 0.3578, 0.3556** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7734, 0.2743, 0.3008**, and the grayscale version is **70.6561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.2892, 0.3687, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **61.9634, 0.3813, 0.3671**, and if you desaturate by 10%, it is **78.3113, 0.3373, 0.3443**.

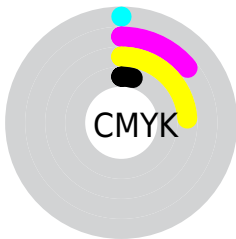
Distribution



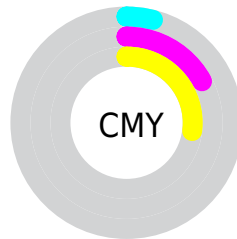
- Red (96%)
- Green (83%)
- Blue (73%)



- Red (96%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (4%)




- Cyan (4%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7265, 0.3578, 0.3556 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 69.7265, 0.3578, 0.3556 by changing the saturation by 10% instead.


 69.7265, 0.3578,
0.3556

 69.7265, 0.3578,
0.3556


459.5891, 0.3366,
0.3435

 51.3036, 0.3627,
0.3583


 118.8186, 0.3504,
0.3515

 36.4503, 0.3688,
0.3615


150.2567, 0.3476,
0.3499

 24.7822, 0.3765,
0.3656


186.8019, 0.3451,
0.3484

 15.9148, 0.3866,
0.3708

228.8386, 0.3430,
0.3472

 9.4639, 0.4005,
0.3775

276.7513, 0.3411,
0.3461

 5.0450, 0.4205,
0.3866

330.9244, 0.3394,

 2.2737, 0.4518,

0.3452

0.3991

391.7422, 0.3380,
0.3443

0.7597, 0.5511,
0.4489

0.0000, 0.0000,
0.0000

69.7265, 0.3578,
0.3556

69.7265, 0.3578,
0.3556

61.9634, 0.3813,
0.3671

78.3113, 0.3373,
0.3443

54.9868, 0.4080,
0.3783

87.7327, 0.3197,
0.3335

48.7725, 0.4374,
0.3883

97.7064, 0.3072,
0.3280

43.2914, 0.4687,
0.3960

98.3311, 0.3072,
0.3290

■ 38.5123, 0.5004,
0.4000

■ 34.4008, 0.5301,
0.3991

■ 30.9182, 0.5555,
0.3928

■ 29.2197, 0.5677,
0.3874

Harmonies

Analogous

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



69.7265, 0.3562, 0.3374



69.7265, 0.3578, 0.3556



69.7265, 0.3469, 0.3677

Triad

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



69.7265, 0.3578, 0.3556



69.7265, 0.2834, 0.3398



69.7265, 0.2974, 0.2919

Complementary

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



69.7265, 0.3578, 0.3556



68.7734, 0.2743, 0.3008

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.



69.7265, 0.2789, 0.2913



69.7265, 0.3578, 0.3556



69.7265, 0.2711, 0.3180

Square

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



69.7265, 0.3578, 0.3556



69.7265, 0.3036, 0.3590



69.7265, 0.2695, 0.3005



69.7265, 0.3207, 0.3015

Rectangle

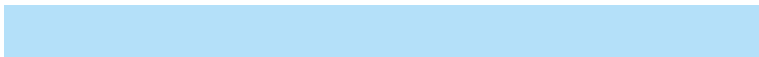
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7265, 0.3578, 0.3556



69.7265, 0.3342, 0.3701



69.7265, 0.2695, 0.3005



69.7265, 0.2905, 0.2906

Sweetspot

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



69.7297, 0.3578, 0.3556



92.4449, 0.3240, 0.3363



59.9153, 0.3349, 0.2925



19.6522, 0.3251, 0.3369



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.



69.7297, 0.3578, 0.3556



71.6377, 0.3684, 0.3610



86.0390, 0.3508, 0.3854



17.6186, 0.3283, 0.3389



15.8598, 0.5648, 0.3897



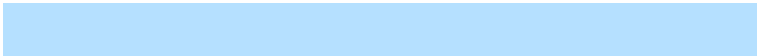
1.5920, 0.5425, 0.4075

Inverse Universe

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



68.7734, 0.2743, 0.3008



70.4391, 0.2669, 0.2946



54.3372, 0.2713, 0.2656



17.5313, 0.2980, 0.3189



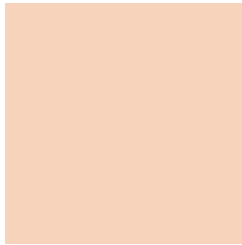
14.3783, 0.1851, 0.1862



1.4665, 0.1905, 0.2058

Previews

White Background



This preview shows how the Yxy color 69.7265, 0.3578, 0.3556 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 69.7265, 0.3578, 0.3556 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 69.7265, 0.3578, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 69.7265, 0.3578, 0.3556.



This preview shows how white text looks on a background with the Yxy color 69.7265, 0.3578, 0.3556.

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

69.7265, 0.3578, 0.3556

Protanopia

69.7938, 0.3403, 0.3599

Deuteranopia

69.4701, 0.3614, 0.3532



Tritanopia

69.7405, 0.3348, 0.3127

Trichromacy



Original Color

69.7265, 0.3578, 0.3556

Protanomaly

69.8939, 0.3468, 0.3584

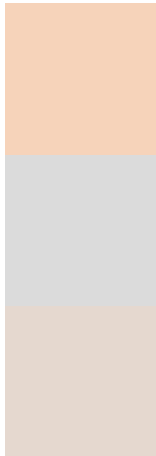
Deuteranomaly

69.7781, 0.3604, 0.3543

Tritanomaly

69.8549, 0.3434, 0.3281

Monochromacy



Original Color

69.7265, 0.3578, 0.3556

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2747, 0.3285, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7265, 0.3578, 0.3556 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(246, 211, 186)` looks like.

```
.text, #text, p{  
    color:rgb(246, 211, 186)  
}
```

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(246, 211, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 211, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.7265, 0.3578, 0.3556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

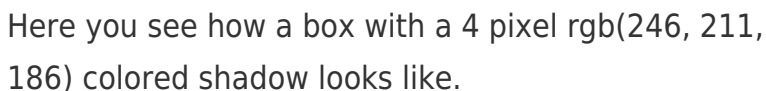
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 211, 186) }
```

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

```
.border{ border-color:rgb(246, 211, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 211, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 211, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 211, 186);  
box-shadow:4px 4px 4px 4px rgb(246, 211,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7265, 0.3578, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 211, 186) }
```

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

```
.background{ background-color: rgb(246,  
211, 186) }
```

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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