

Converting Colors

$Yxy(73.5563, 0.3078, 0.3458)$

Have a look what the booklet for
Yxy(73.5563, 0.3078, 0.3458)
contains.

Yxy(73.5563, 0.3078, 0.3458)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.5563, 0.3078, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	CFE4D5
RGB	207, 228, 213
RGB Percent	81%, 89%, 84%
CMY	0.1884, 0.1058, 0.1648
CMYK	0.09, 0.00, 0.07, 0.11
HSL	137°, 28%, 85%
HSV	137°, 9%, 89%
XYZ	65.4732, 73.5563, 73.6839
YIQ	220.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

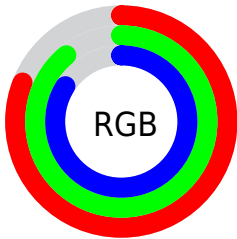
Format	Color
R_{YB}	207, 223, 228
Decimal	13624533
CIE Lab	88.71, -9.76, 4.95
CIE LCh	89, 10.946, 153.126
Yxy	73.5563, 0.3078, 0.3458
Android (android.graphics.Color)	4291814613 (0xFFCFE4D5)
YUV	220.0110, -3.4564, -11.4106
Hunter-Lab	85.7650, -13.8214, 9.0972

Details

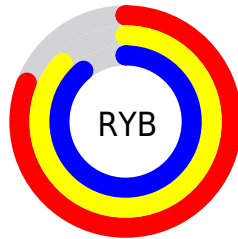
The Yxy color **73.5563, 0.3078, 0.3458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3726, 0.3180, 0.3128**, and the grayscale version is **71.6025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1281, 0.3073, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **69.7244, 0.3025, 0.3662**, and if you desaturate by 10%, it is **77.9516, 0.3131, 0.3277**.

Distribution



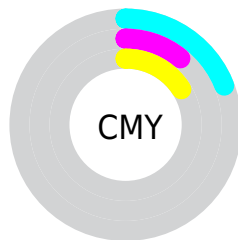
- Red (81%)
- Green (89%)
- Blue (84%)



- Red (81%)
- Yellow (87%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5563, 0.3078, 0.3458 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 73.5563, 0.3078, 0.3458 by changing the saturation by 10% instead.

■ 73.5563, 0.3078,
0.3458

■ 73.5563, 0.3078,
0.3458

472.9406, 0.3101,
0.3379

■ 54.4310, 0.3073,
0.3476

124.2666, 0.3086,
0.3431

■ 38.9463, 0.3066,
0.3499

156.6204, 0.3089,
0.3420

■ 26.7180, 0.3057,
0.3528

194.1525, 0.3092,
0.3411

■ 17.3615, 0.3046,
0.3566

237.2472, 0.3094,
0.3403

■ 10.4926, 0.3030,
0.3619

286.2890, 0.3096,
0.3396

■ 5.7268, 0.3006,
0.3696

341.6622, 0.3098,

■ 2.6797, 0.2967,

0.3390

403.7513, 0.3100,
0.3384

0.3822

0.9669, 0.2887,
0.4115

0.0000, 0.0000,
0.0000

73.5563, 0.3078,
0.3458

73.5563, 0.3078,
0.3458

69.7244, 0.3025,
0.3662

77.9516, 0.3131,
0.3277

66.4239, 0.2975,
0.3890

82.9224, 0.3183,
0.3118

63.6337, 0.2929,
0.4138

83.9780, 0.3139,
0.3029

61.3276, 0.2890,
0.4404

■ 59.4770, 0.2863,
0.4679

■ 58.0505, 0.2849,
0.4953

■ 57.0121, 0.2852,
0.5212

■ 56.3198, 0.2870,
0.5444

■ 55.9083, 0.2901,
0.5637

Harmonies

Analogous

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



73.5563, 0.3210, 0.3516



73.5563, 0.3078, 0.3458



73.5563, 0.2961, 0.3353

Triad

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



73.5563, 0.3078, 0.3458



73.5563, 0.2933, 0.3074



73.5563, 0.3372, 0.3340

Complementary

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



73.5563, 0.3078, 0.3458



66.3726, 0.3180, 0.3128

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.



73.5563, 0.3295, 0.3227



73.5563, 0.3078, 0.3458



73.5563, 0.3040, 0.3075

Square

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



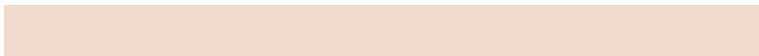
73.5563, 0.3078, 0.3458



73.5563, 0.2878, 0.3130



73.5563, 0.3173, 0.3131



73.5563, 0.3382, 0.3444

Rectangle

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



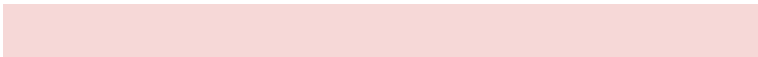
73.5563, 0.3078, 0.3458



73.5563, 0.2906, 0.3271



73.5563, 0.3173, 0.3131



73.5563, 0.3353, 0.3302

Sweetspot

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



73.5594, 0.3078, 0.3458



98.2311, 0.3111, 0.3343



75.5382, 0.3222, 0.3520



20.9267, 0.3107, 0.3357



0.0000, 0.0000, 0.0000



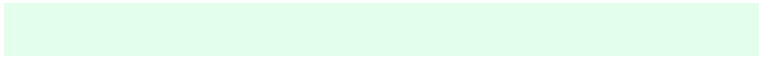
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5594, 0.3078, 0.3458



93.8396, 0.3068, 0.3494



74.1086, 0.3013, 0.3340



16.1567, 0.3077, 0.3462



32.2799, 0.2896, 0.5624



2.4010, 0.2815, 0.5333

Inverse Universe

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



66.3726, 0.3180, 0.3128



82.8845, 0.3192, 0.3095



65.8283, 0.3255, 0.3241



14.5412, 0.3181, 0.3124



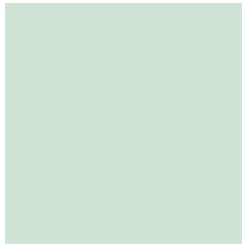
11.0674, 0.4092, 0.2028



0.8337, 0.3933, 0.1940

Previews

White Background



This preview shows how the Yxy color 73.5563, 0.3078, 0.3458 looks on a white background.

Color Contrast Check

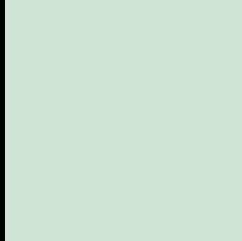
Large Text (above 18pt) WCAG AA × Fail

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 73.5563, 0.3078, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

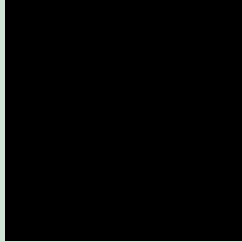
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

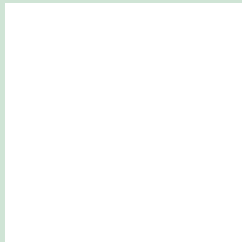
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5563, 0.3078, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 73.5563, 0.3078, 0.3458.

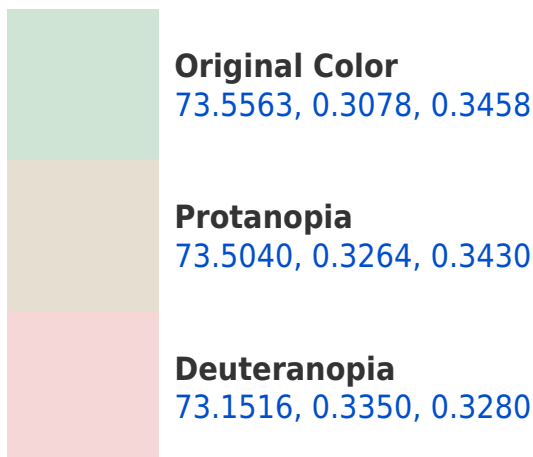


This preview shows how white text looks on a background with the Yxy color 73.5563, 0.3078, 0.3458.

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

73.7192, 0.2933, 0.3096

Trichromacy



Original Color

73.5563, 0.3078, 0.3458

Protanomaly

73.3366, 0.3198, 0.3443

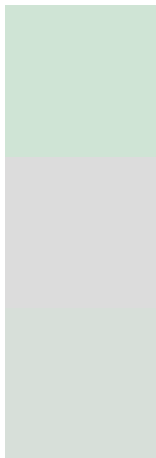
Deuteranomaly

73.2485, 0.3247, 0.3344

Tritanomaly

73.3216, 0.2987, 0.3224

Monochromacy



Original Color

73.5563, 0.3078, 0.3458

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.2322, 0.3110, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5563, 0.3078, 0.3458 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(207, 228, 213)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 213)  
}
```

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(207, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 213) }
```

Border

The CSS property to change the border of an element to Yxy 73.5563, 0.3078, 0.3458 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(207, 228, 213) }
```

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

```
.border{ border-color:rgb(207, 228, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 228, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 228, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 228, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 228,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5563, 0.3078, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 213) }
```

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

```
.background{ background-color: rgb(207,  
228, 213) }
```

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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