

Converting Colors

$Yxy(71.7665, 0.3052, 0.3367)$

Have a look what the booklet for
Yxy(71.7665, 0.3052, 0.3367)
contains.

Yxy(71.5865, 0.3054, 0.3368)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.5865, 0.3054, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	CFE0D9
RGB	207, 224, 217
RGB Percent	81%, 88%, 85%
CMY	0.1882, 0.1215, 0.1490
CMYK	0.08, 0.00, 0.03, 0.12
HSL	155°, 22%, 85%
HSV	155°, 8%, 88%
XYZ	64.9125, 71.5865, 76.0500
YIQ	218.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

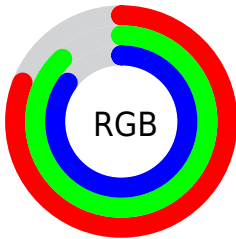
Format	Color
RYB	207, 218, 224
Decimal	13623513
CIELab	87.77, -6.96, 1.46
CIElCh	88, 7.115, 168.140
Yxy	71.5865, 0.3054, 0.3368
Android (android.graphics.Color)	4291813593 (0xFFCFE0D9)
YUV	218.1190, -0.5517, -9.7514
Hunter-Lab	84.6088, -11.1190, 5.9338

Details

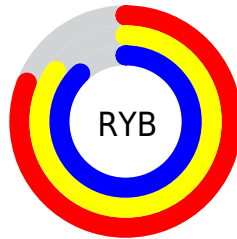
The Yxy color **71.5865, 0.3054, 0.3368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3268, 0.3207, 0.3213**, and the grayscale version is **70.2072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7569, 0.3041, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **68.1228, 0.2960, 0.3481**, and if you desaturate by 10%, it is **75.5408, 0.3151, 0.3267**.

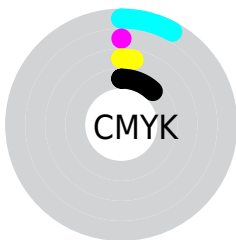
Distribution



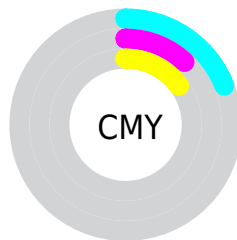
- Red (81%)
- Green (88%)
- Blue (85%)



- Red (81%)
- Yellow (85%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5865, 0.3054, 0.3368 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 71.5865, 0.3054, 0.3368 by changing the saturation by 10% instead.

■ 71.5865, 0.3054,
0.3368

■ 71.5865, 0.3054,
0.3368

466.1011, 0.3088,
0.3332

■ 52.8210, 0.3046,
0.3376

121.4685, 0.3066,
0.3355

■ 37.6599, 0.3036,
0.3387

153.3537, 0.3070,
0.3350

■ 25.7188, 0.3024,
0.3400

190.3809, 0.3074,
0.3346

■ 16.6134, 0.3008,
0.3418

232.9345, 0.3078,
0.3343

■ 9.9592, 0.2985,
0.3442

281.3990, 0.3081,
0.3339

■ 5.3719, 0.2952,
0.3477

336.1586, 0.3084,

■ 2.4671, 0.2900,

0.3336

0.3534

397.5979, 0.3086,
0.3334

0.8601, 0.2765,
0.3673

0.0000, 0.0000,
0.0000

71.5865, 0.3054,
0.3368

71.5865, 0.3054,
0.3368

68.1228, 0.2960,
0.3481

75.5408, 0.3151,
0.3267

65.1208, 0.2871,
0.3606

79.9949, 0.3248,
0.3176

62.5628, 0.2791,
0.3742

81.1447, 0.3209,
0.3088

60.4261, 0.2722,
0.3887

81.7201, 0.3149,
0.3000

■ 58.6859, 0.2667,
0.4041

■ 81.7941, 0.3141,
0.2989

■ 57.3150, 0.2629,
0.4201

■ 56.2824, 0.2612,
0.4363

■ 55.5517, 0.2615,
0.4523

■ 55.0740, 0.2637,
0.4679

Harmonies

Analogous

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



71.5865, 0.3139, 0.3423



71.5865, 0.3054, 0.3368



71.5865, 0.2989, 0.3292

Triad

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



71.5865, 0.3054, 0.3368



71.5865, 0.3032, 0.3143



71.5865, 0.3297, 0.3360

Complementary

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



71.5865, 0.3054, 0.3368



65.3268, 0.3207, 0.3213

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.



71.5865, 0.3267, 0.3286



71.5865, 0.3054, 0.3368



71.5865, 0.3114, 0.3162

Square

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



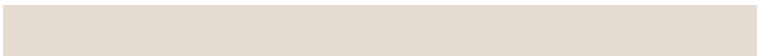
71.5865, 0.3054, 0.3368



71.5865, 0.2976, 0.3162



71.5865, 0.3200, 0.3214



71.5865, 0.3280, 0.3417

Rectangle

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



71.5865, 0.3054, 0.3368



71.5865, 0.2966, 0.3240



71.5865, 0.3200, 0.3214



71.5865, 0.3292, 0.3337

Sweetspot

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



71.5895, 0.3054, 0.3368



98.9112, 0.3108, 0.3310



72.1277, 0.3168, 0.3480



21.1825, 0.3109, 0.3309



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.



71.5895, 0.3054, 0.3368



95.3114, 0.3040, 0.3384



71.2025, 0.3010, 0.3274



15.4720, 0.3036, 0.3388



32.0228, 0.2637, 0.4692



2.2373, 0.2570, 0.4452

Inverse Universe

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



65.3268, 0.3207, 0.3213



85.3812, 0.3223, 0.3198



65.6670, 0.3255, 0.3306



13.7935, 0.3228, 0.3194



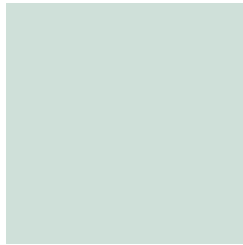
9.6965, 0.5324, 0.2707



0.6896, 0.4923, 0.2485

Previews

White Background



This preview shows how the Yxy color 71.5865, 0.3054, 0.3368 looks on a white background.

Color Contrast Check

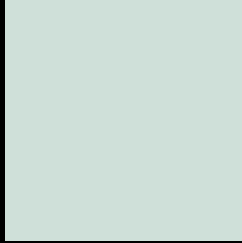
Large Text (above 18pt) WCAG AA × Fail

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 71.5865, 0.3054, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

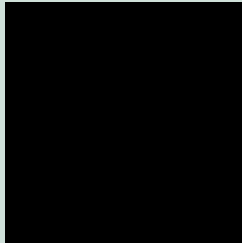
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

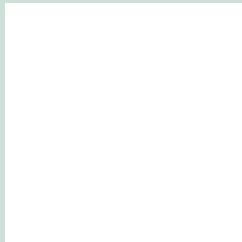
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5865, 0.3054, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 71.5865, 0.3054, 0.3368.

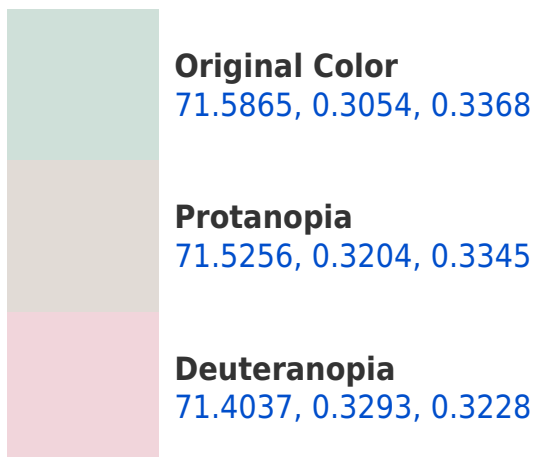


This preview shows how white text looks on a background with the Yxy color 71.5865, 0.3054, 0.3368.

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

71.7348, 0.2950, 0.3105

Trichromacy



Original Color

71.5865, 0.3054, 0.3368

Protanomaly

71.5246, 0.3145, 0.3356

Deuteranomaly

71.3457, 0.3208, 0.3280

Tritanomaly

71.6574, 0.2993, 0.3202

Monochromacy



Original Color

71.5865, 0.3054, 0.3368

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5445, 0.3098, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5865, 0.3054, 0.3368 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, 224, 217)` looks like.

```
.text, #text, p{  
    color:rgb(207, 224, 217)  
}
```

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, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 224, 217) }
```

Border

The CSS property to change the border of an element to Yxy 71.5865, 0.3054, 0.3368 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, 224, 217) }
```

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

```
.border{ border-color:rgb(207, 224, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 224, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 224,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5865, 0.3054, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 224, 217) }
```

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

```
.background{ background-color: rgb(207,  
224, 217) }
```

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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