

Converting Colors

$Yxy(66.9567, 0.3053, 0.3366)$

Have a look what the booklet for
Yxy(66.9567, 0.3053, 0.3366)
contains.

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Color

Yxy(66.7464, 0.3052, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	C9D9D3
RGB	201, 217, 211
RGB Percent	79%, 85%, 83%
CMY	0.2120, 0.1489, 0.1725
CMYK	0.07, 0.00, 0.03, 0.15
HSL	158°, 17%, 82%
HSV	158°, 7%, 85%
XYZ	60.6460, 66.7464, 71.3167
YIQ	211.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

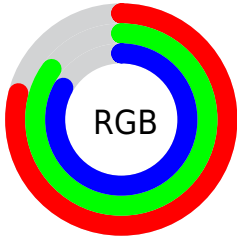
Format	Color
R _Y B	201, 211, 217
Decimal	13228499
CIE Lab	85.38, -6.51, 1.10
CIE LCh	85, 6.604, 170.446
Yxy	66.7464, 0.3052, 0.3359
Android (android.graphics.Color)	4291418579 (0xFFC9D9D3)
YUV	211.5320, -0.2623, -9.2366
Hunter-Lab	81.6985, -10.4690, 5.4332

Details

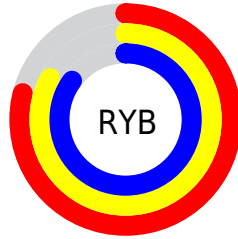
The Yxy color **66.7464, 0.3052, 0.3359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0030, 0.3209, 0.3222**, and the grayscale version is **65.5128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4780, 0.3030, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **63.5550, 0.2953, 0.3461**, and if you desaturate by 10%, it is **70.3889, 0.3154, 0.3267**.

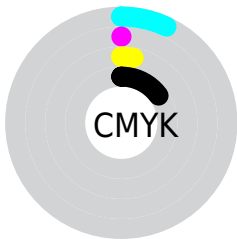
Distribution



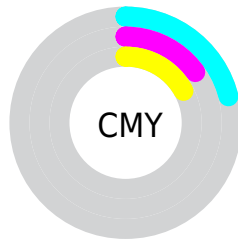
- Red (79%)
- Green (85%)
- Blue (83%)



- Red (79%)
- Yellow (83%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7464, 0.3052, 0.3359 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 66.7464, 0.3052, 0.3359 by changing the saturation by 10% instead.

■ 66.7464, 0.3052,
0.3359

■ 66.7464, 0.3052,
0.3359

449.0415, 0.3087,
0.3327

■ 48.8786, 0.3044,
0.3367

114.5570, 0.3064,
0.3348

■ 34.5232, 0.3033,
0.3376

145.2685, 0.3069,
0.3343

■ 23.2958, 0.3020,
0.3388

181.0300, 0.3073,
0.3339

■ 14.8121, 0.3003,
0.3404

222.2259, 0.3077,
0.3336

■ 8.6876, 0.2978,
0.3427

269.2406, 0.3080,
0.3333

■ 4.5380, 0.2942,
0.3461

322.4585, 0.3083,

■ 1.9788, 0.2882,

0.3331

382.2641, 0.3085,
0.3329

0.3517

0.5951, 0.2585,
0.3783

0.0000, 0.0000,
0.0000

66.7464, 0.3052,
0.3359

66.7464, 0.3052,
0.3359

63.5550, 0.2953,
0.3461

70.3889, 0.3154,
0.3267

60.7883, 0.2860,
0.3574


74.4910, 0.3256,
0.3185


58.4296, 0.2775,
0.3696


76.9160, 0.3277,
0.3108


56.4584, 0.2702,
0.3827


77.3971, 0.3222,
0.3029


 54.8518, 0.2644,
0.3966


 77.9000, 0.3167,
0.2952

 53.5848, 0.2603,
0.4109

 78.1167, 0.3144,
0.2920

 52.6289, 0.2582,
0.4255

 51.9508, 0.2581,
0.4401

 51.5058, 0.2599,
0.4543

Harmonies

Analogous

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



66.7464, 0.3132, 0.3413



66.7464, 0.3052, 0.3359



66.7464, 0.2992, 0.3286

Triad

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



66.7464, 0.3052, 0.3359



66.7464, 0.3042, 0.3150



66.7464, 0.3288, 0.3362

Complementary

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



66.7464, 0.3052, 0.3359



61.0030, 0.3209, 0.3222

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.



66.7464, 0.3264, 0.3292



66.7464, 0.3052, 0.3359



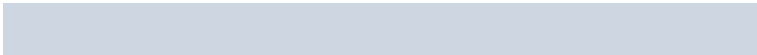
66.7464, 0.3121, 0.3171

Square

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



66.7464, 0.3052, 0.3359



66.7464, 0.2987, 0.3166



66.7464, 0.3202, 0.3223



66.7464, 0.3269, 0.3414

Rectangle

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



66.7464, 0.3052, 0.3359



66.7464, 0.2972, 0.3237



66.7464, 0.3202, 0.3223



66.7464, 0.3285, 0.3340

Sweetspot

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



66.7492, 0.3052, 0.3359



98.9232, 0.3107, 0.3308



67.1314, 0.3163, 0.3475



21.1849, 0.3108, 0.3307



0.0000, 0.0000, 0.0000



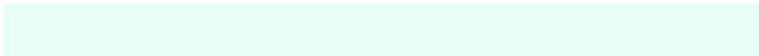
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7492, 0.3052, 0.3359



95.3634, 0.3035, 0.3375



66.0949, 0.3013, 0.3268



14.7426, 0.3032, 0.3379



31.1346, 0.2600, 0.4559



2.0335, 0.2535, 0.4327

Inverse Universe

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



61.0030, 0.3209, 0.3222



85.3306, 0.3229, 0.3206



61.5941, 0.3251, 0.3312



13.1317, 0.3233, 0.3203



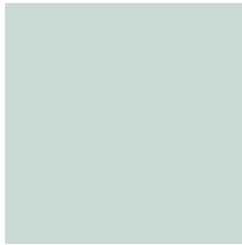
9.3102, 0.5471, 0.2788



0.6195, 0.5026, 0.2542

Previews

White Background



This preview shows how the Yxy color 66.7464, 0.3052, 0.3359 looks on a white background.

Color Contrast Check

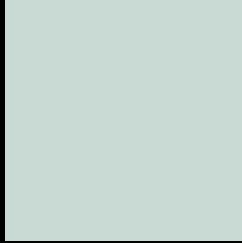
Large Text (above 18pt) WCAG AA × Fail

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 66.7464, 0.3052, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

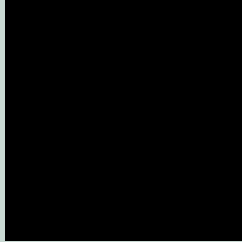
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

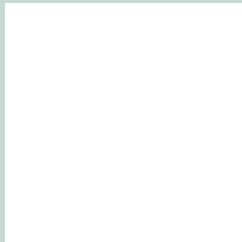
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7464, 0.3052, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 66.7464, 0.3052, 0.3359.

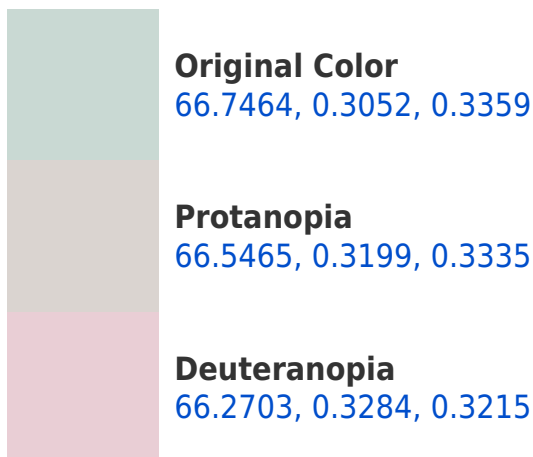


This preview shows how white text looks on a background with the Yxy color 66.7464, 0.3052, 0.3359.

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

66.7000, 0.2945, 0.3099

Trichromacy



Original Color

66.7464, 0.3052, 0.3359

Protanomaly

66.6936, 0.3146, 0.3347

Deuteranomaly

66.2188, 0.3196, 0.3268

Tritanomaly

66.6792, 0.2982, 0.3188

Monochromacy



Original Color

66.7464, 0.3052, 0.3359

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2565, 0.3097, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7464, 0.3052, 0.3359 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(201, 217, 211)` looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 211)  
}
```

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(201, 217, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 211) }
```

Border

The CSS property to change the border of an element to Yxy 66.7464, 0.3052, 0.3359 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(201, 217, 211) }
```

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

```
.border{ border-color:rgb(201, 217, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 217, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7464, 0.3052, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 211) }
```

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

```
.background{ background-color: rgb(201,  
217, 211) }
```

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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