

Converting Colors

Yxy(69.5781, 0.3091, 0.3460)

Have a look what the booklet for
Yxy(69.5781, 0.3091, 0.3460)
contains.

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Color

Yxy(69.4441, 0.3091, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	CBDECF
RGB	203, 222, 207
RGB Percent	80%, 87%, 81%
CMY	0.2038, 0.1294, 0.1881
CMYK	0.09, 0.00, 0.07, 0.13
HSL	133°, 22%, 83%
HSV	133°, 9%, 87%
XYZ	62.0201, 69.4441, 69.1833
YIQ	214.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

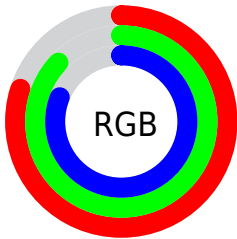
Format	Color
R _Y B	203, 219, 222
Decimal	13360847
CIE Lab	86.72, -9.09, 5.17
CIE LCh	87, 10.461, 150.387
Yxy	69.4441, 0.3091, 0.3461
Android (android.graphics.Color)	4291550927 (0xFFCBDECF)
YUV	214.6090, -3.7512, -10.1811
Hunter-Lab	83.3331, -12.9855, 9.1106

Details

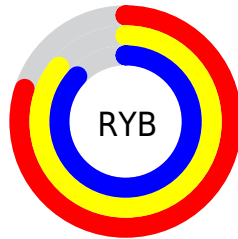
The Yxy color $69.4441, 0.3091, 0.3461$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.3155, 0.3165, 0.3125$, and the grayscale version is $67.7115, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.3269, 0.3081, 0.3501$ is the 20% darker color. If you saturate the color by 10%, you get $65.7396, 0.3048, 0.3685$, and if you desaturate by 10%, it is $73.6959, 0.3133, 0.3263$.

Distribution



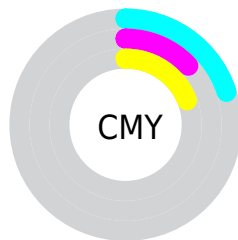
- Red (80%)
- Green (87%)
- Blue (81%)



- Red (80%)
- Yellow (86%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4441, 0.3091, 0.3461 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 69.4441, 0.3091, 0.3461 by changing the saturation by 10% instead.

■ 69.4441, 0.3091,
0.3461

■ 69.4441, 0.3091,
0.3461

458.5957, 0.3108,
0.3380

■ 51.0735, 0.3087,
0.3480

118.4157, 0.3097,
0.3433

■ 36.2671, 0.3082,
0.3504

149.7854, 0.3100,
0.3422

■ 24.6405, 0.3075,
0.3534

186.2569, 0.3102,
0.3412

■ 15.8094, 0.3066,
0.3574

228.2147, 0.3103,
0.3404

■ 9.3894, 0.3053,
0.3631

276.0430, 0.3105,
0.3397

■ 4.9960, 0.3033,
0.3715

330.1264, 0.3106,

■ 2.2449, 0.3000,

0.3391

0.3855

390.8492, 0.3107,
0.3385

0.7443, 0.2892,
0.4434

0.0000, 0.0000,
0.0000

69.4441, 0.3091,
0.3461

69.4441, 0.3091,
0.3461

65.7396, 0.3048,
0.3685

73.6959, 0.3133,
0.3263

62.5516, 0.3007,
0.3936

78.5068, 0.3174,
0.3089

59.8595, 0.2969,
0.4210

80.7204, 0.3142,
0.2970

57.6380, 0.2937,
0.4502

■ 55.8596, 0.2913,
0.4801

■ 54.4938, 0.2901,
0.5095

■ 53.5062, 0.2902,
0.5366

■ 52.8564, 0.2916,
0.5597

■ 52.4861, 0.2941,
0.5775

Harmonies

Analogous

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



69.4441, 0.3220, 0.3512



69.4441, 0.3091, 0.3461



69.4441, 0.2974, 0.3362

Triad

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



69.4441, 0.3091, 0.3461



69.4441, 0.2931, 0.3082



69.4441, 0.3362, 0.3329

Complementary

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



69.4441, 0.3091, 0.3461



63.3155, 0.3165, 0.3125

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.



69.4441, 0.3281, 0.3219



69.4441, 0.3091, 0.3461



69.4441, 0.3032, 0.3078

Square

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



69.4441, 0.3091, 0.3461



69.4441, 0.2883, 0.3142



69.4441, 0.3160, 0.3128



69.4441, 0.3378, 0.3432

Rectangle

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



69.4441, 0.3091, 0.3461



69.4441, 0.2917, 0.3283



69.4441, 0.3160, 0.3128



69.4441, 0.3341, 0.3292

Sweetspot

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



69.4471, 0.3091, 0.3461



98.1951, 0.3114, 0.3348



71.4901, 0.3226, 0.3501



20.9171, 0.3111, 0.3364



0.0000, 0.0000, 0.0000



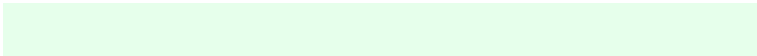
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4471, 0.3091, 0.3461



94.2515, 0.3084, 0.3494



69.9144, 0.3032, 0.3354



15.3843, 0.3087, 0.3480



31.1653, 0.2938, 0.5776



2.1733, 0.2859, 0.5491

Inverse Universe

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



63.3155, 0.3165, 0.3125



84.4542, 0.3173, 0.3094



62.8432, 0.3233, 0.3227



13.8835, 0.3170, 0.3107



11.0838, 0.3824, 0.1880



0.7808, 0.3711, 0.1818

Previews

White Background



This preview shows how the Yxy color 69.4441, 0.3091, 0.3461 looks on a white background.

Color Contrast Check

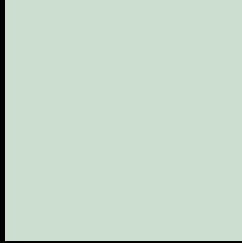
Large Text (above 18pt) WCAG AA × Fail

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 69.4441, 0.3091, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

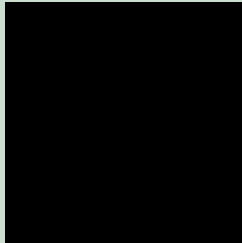
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

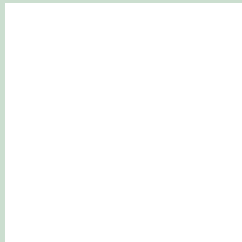
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4441, 0.3091, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 69.4441, 0.3091, 0.3461.



This preview shows how white text looks on a background with the Yxy color 69.4441, 0.3091, 0.3461.

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

69.4441, 0.3091, 0.3461

Protanopia

69.3187, 0.3268, 0.3423

Deuteranopia

69.2716, 0.3354, 0.3291



Tritanopia

69.5509, 0.2948, 0.3103

Trichromacy



Original Color

69.4441, 0.3091, 0.3461

Protanomaly

69.1495, 0.3200, 0.3436

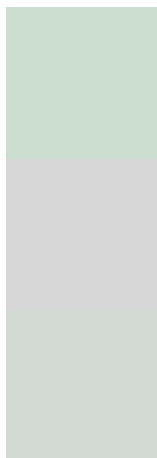
Deuteranomaly

69.0275, 0.3258, 0.3345

Tritanomaly

69.2211, 0.2997, 0.3223

Monochromacy



Original Color

69.4441, 0.3091, 0.3461

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.7452, 0.3117, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4441, 0.3091, 0.3461 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(203, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(203, 222, 207)  
}
```

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(203, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 222, 207) }
```

Border

The CSS property to change the border of an element to Yxy 69.4441, 0.3091, 0.3461 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(203, 222, 207) }
```

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

```
.border{ border-color:rgb(203, 222, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 222, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(203, 222,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4441, 0.3091, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 222, 207) }
```

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

```
.background{ background-color: rgb(203,  
222, 207) }
```

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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