

Converting Colors

$Yxy(69.3544, 0.3073, 0.3381)$

Have a look what the booklet for
Yxy(69.3544, 0.3073, 0.3381)
contains.

Yxy(69.6388, 0.3074, 0.3380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.6388, 0.3074, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	CEDDD5
RGB	206, 221, 213
RGB Percent	81%, 87%, 84%
CMY	0.1919, 0.1334, 0.1647
CMYK	0.07, 0.00, 0.04, 0.13
HSL	148°, 18%, 84%
HSV	148°, 7%, 87%
XYZ	63.3342, 69.6388, 73.0589
YIQ	215.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

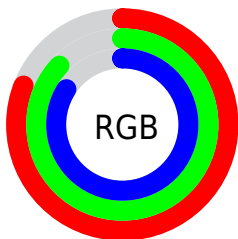
Format	Color
R _Y B	206, 216, 221
Decimal	13557205
CIE Lab	86.82, -6.47, 2.18
CIE LCh	87, 6.825, 161.353
Yxy	69.6388, 0.3074, 0.3380
Android (android.graphics.Color)	4291747285 (0xFFCEDDD5)
YUV	215.6030, -1.2833, -8.4218
Hunter-Lab	83.4499, -10.5648, 6.5075

Details

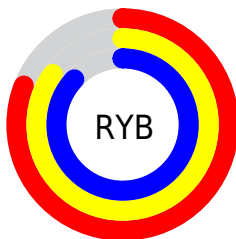
The Yxy color **69.6388, 0.3074, 0.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4017, 0.3184, 0.3202**, and the grayscale version is **68.4059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4165, 0.3066, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **66.1184, 0.2997, 0.3527**, and if you desaturate by 10%, it is **73.6536, 0.3153, 0.3249**.

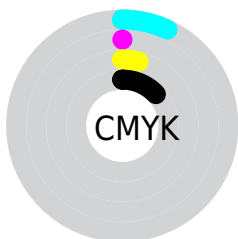
Distribution



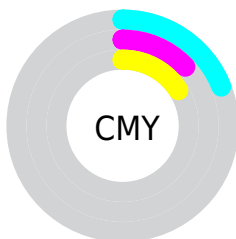
- Red (81%)
- Green (87%)
- Blue (84%)



- Red (81%)
- Yellow (85%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6388, 0.3074, 0.3380 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 69.6388, 0.3074, 0.3380 by changing the saturation by 10% instead.

■ 69.6388, 0.3074,
0.3380

■ 69.6388, 0.3074,
0.3380

459.2807, 0.3099,
0.3338

■ 51.2321, 0.3068,
0.3390

118.6935, 0.3083,
0.3365

■ 36.3934, 0.3061,
0.3402

150.1103, 0.3086,
0.3360

■ 24.7382, 0.3052,
0.3418

186.6327, 0.3089,
0.3355

■ 15.8821, 0.3040,
0.3438

228.6449, 0.3092,
0.3350

■ 9.4408, 0.3023,
0.3467

276.5314, 0.3094,
0.3347

■ 5.0298, 0.2997,
0.3510

330.6767, 0.3096,

■ 2.2647, 0.2957,

0.3343

0.3580

391.4650, 0.3097,
0.3340

0.7550, 0.2821,
0.3805

0.0000, 0.0000,
0.0000

69.6388, 0.3074,
0.3380

69.6388, 0.3074,
0.3380

66.1184, 0.2997,
0.3527

73.6536, 0.3153,
0.3249

63.0641, 0.2923,
0.3690

78.1721, 0.3231,
0.3134

60.4582, 0.2855,
0.3868

79.7718, 0.3186,
0.3021

58.2783, 0.2797,
0.4061

80.1860, 0.3143,
0.2960

■ 56.5003, 0.2752,
0.4265

■ 55.0974, 0.2723,
0.4475

■ 54.0392, 0.2713,
0.4686

■ 53.2907, 0.2722,
0.4890

■ 52.8068, 0.2751,
0.5083

Harmonies

Analogous

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



69.6388, 0.3158, 0.3426



69.6388, 0.3074, 0.3380



69.6388, 0.3005, 0.3309

Triad

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



69.6388, 0.3074, 0.3380



69.6388, 0.3020, 0.3149



69.6388, 0.3289, 0.3343

Complementary

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



69.6388, 0.3074, 0.3380



64.4017, 0.3184, 0.3202

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.



69.6388, 0.3251, 0.3270



69.6388, 0.3074, 0.3380



69.6388, 0.3095, 0.3159

Square

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



69.6388, 0.3074, 0.3380



69.6388, 0.2974, 0.3176



69.6388, 0.3179, 0.3203



69.6388, 0.3283, 0.3403

Rectangle

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



69.6388, 0.3074, 0.3380



69.6388, 0.2976, 0.3258



69.6388, 0.3179, 0.3203



69.6388, 0.3280, 0.3319

Sweetspot

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



69.6418, 0.3074, 0.3380



98.8711, 0.3111, 0.3316



70.5026, 0.3178, 0.3457



21.1743, 0.3112, 0.3315



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.



69.6418, 0.3074, 0.3380



95.6514, 0.3064, 0.3398



70.0173, 0.3028, 0.3298



14.7066, 0.3053, 0.3418



30.6301, 0.2754, 0.5114



2.0017, 0.2667, 0.4802

Inverse Universe

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



64.4017, 0.3184, 0.3202



87.0715, 0.3196, 0.3184



64.0402, 0.3236, 0.3282



13.1673, 0.3209, 0.3166



9.7152, 0.4803, 0.2420



0.6468, 0.4473, 0.2238

Previews

White Background



This preview shows how the Yxy color 69.6388, 0.3074, 0.3380 looks on a white background.

Color Contrast Check

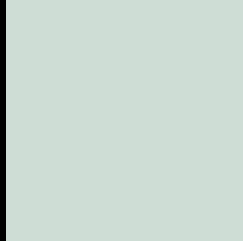
Large Text (above 18pt) WCAG AA × Fail

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 69.6388, 0.3074, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

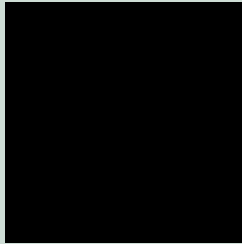
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

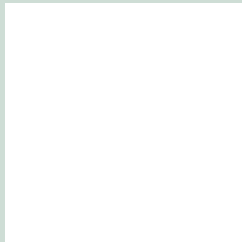
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6388, 0.3074, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 69.6388, 0.3074, 0.3380.

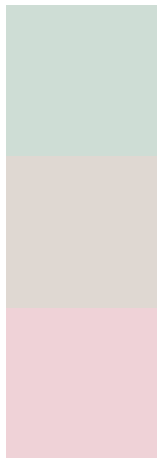


This preview shows how white text looks on a background with the Yxy color 69.6388, 0.3074, 0.3380.

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

69.6388, 0.3074, 0.3380

Protanopia

69.4529, 0.3219, 0.3356

Deuteranopia

69.3502, 0.3310, 0.3238



Tritanopia

69.8426, 0.2961, 0.3103

Trichromacy



Original Color

69.6388, 0.3074, 0.3380

Protanomaly

69.5977, 0.3167, 0.3368

Deuteranomaly

69.2791, 0.3223, 0.3290

Tritanomaly

69.7644, 0.3005, 0.3201

Monochromacy



Original Color

69.6388, 0.3074, 0.3380

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.0462, 0.3104, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6388, 0.3074, 0.3380 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(206, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(206, 221, 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(206, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 221, 213) }
```

Border

The CSS property to change the border of an element to Yxy 69.6388, 0.3074, 0.3380 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(206, 221, 213) }
```

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

```
.border{ border-color:rgb(206, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(206, 221,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6388, 0.3074, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 221, 213) }
```

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

```
.background{ background-color: rgb(206,  
221, 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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