

Converting Colors

$Yxy(69.7071, 0.3030, 0.3277)$

Have a look what the booklet for
Yxy(69.7071, 0.3030, 0.3277)
contains.

Yxy(69.6723, 0.3029, 0.3279)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.6723, 0.3029, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	CFDCDD
RGB	207, 220, 221
RGB Percent	81%, 86%, 87%
CMY	0.1885, 0.1372, 0.1334
CMYK	0.06, 0.00, 0.00, 0.13
HSL	184°, 17%, 84%
HSV	184°, 6%, 87%
XYZ	64.3603, 69.6723, 78.4477
YIQ	216.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

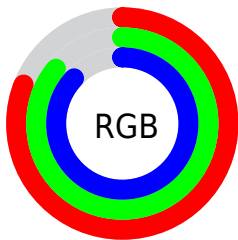
Format	Color
R_YB	207, 214, 221
Decimal	13622493
CIE Lab	86.84, -4.19, -1.99
CIE LCh	87, 4.642, 205.422
Yxy	69.6723, 0.3029, 0.3279
Android (android.graphics.Color)	4291812573 (0xFFCFDCDD)
YUV	216.2270, 2.3531, -8.0921
Hunter-Lab	83.4699, -8.4383, 2.7063

Details

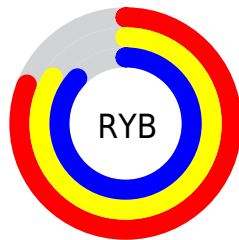
The Yxy color **69.6723, 0.3029, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9286, 0.3233, 0.3301**, and the grayscale version is **68.8143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4357, 0.3009, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **65.9283, 0.2880, 0.3261**, and if you desaturate by 10%, it is **73.8747, 0.3184, 0.3296**.

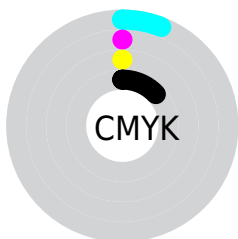
Distribution



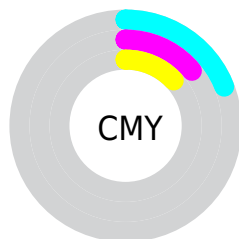
- Red (81%)
- Green (86%)
- Blue (87%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6723, 0.3029, 0.3279 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 69.6723, 0.3029, 0.3279 by changing the saturation by 10% instead.

■ 69.6723, 0.3029,
0.3279

■ 69.6723, 0.3029,
0.3279

459.3986, 0.3075,
0.3284

■ 51.2594, 0.3018,
0.3278

118.7413, 0.3045,
0.3281

■ 36.4151, 0.3005,
0.3276

150.1662, 0.3051,
0.3282

■ 24.7550, 0.2989,
0.3274

186.6973, 0.3056,
0.3282

■ 15.8946, 0.2967,
0.3271

228.7189, 0.3061,
0.3283

■ 9.4496, 0.2937,
0.3267

276.6154, 0.3065,
0.3283

■ 5.0356, 0.2893,
0.3261

330.7713, 0.3069,

■ 2.2682, 0.2823,

0.3284

391.5709, 0.3072,
0.3284

0.3251

0.7568, 0.2640,
0.3238

0.0000, 0.0000,
0.0000

69.6723, 0.3029,
0.3279

69.6723, 0.3029,
0.3279

65.9283, 0.2880,
0.3261

73.8747, 0.3184,
0.3296

62.6153, 0.2739,
0.3241

78.5440, 0.3342,
0.3311

59.7167, 0.2610,
0.3219

80.0768, 0.3368,
0.3326

57.2113, 0.2495,
0.3197

80.8903, 0.3366,
0.3341

■ 55.0758, 0.2397,
0.3174

■ 81.7108, 0.3364,
0.3356

■ 53.2846, 0.2318,
0.3151

■ 82.5386, 0.3362,
0.3371

■ 51.8088, 0.2258,
0.3128

■ 83.3736, 0.3360,
0.3386

■ 50.6145, 0.2217,
0.3105

■ 84.2157, 0.3358,
0.3401

■ 49.6592, 0.2194,
0.3082

■ 85.0651, 0.3356,
0.3416

Harmonies

Analogous

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



69.6723, 0.3067, 0.3330



69.6723, 0.3029, 0.3279



69.6723, 0.3017, 0.3232

Triad

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



69.6723, 0.3029, 0.3279



69.6723, 0.3133, 0.3212



69.6723, 0.3221, 0.3380

Complementary

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



69.6723, 0.3029, 0.3279



64.9286, 0.3233, 0.3301

Split Complementary

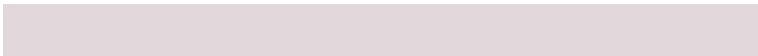
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6723, 0.3239, 0.3347



69.6723, 0.3029, 0.3279



69.6723, 0.3188, 0.3251

Square

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



69.6723, 0.3029, 0.3279



69.6723, 0.3077, 0.3194



69.6723, 0.3226, 0.3300



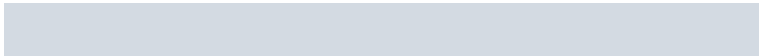
69.6723, 0.3177, 0.3389

Rectangle

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



69.6723, 0.3029, 0.3279



69.6723, 0.3026, 0.3209



69.6723, 0.3226, 0.3300



69.6723, 0.3230, 0.3371

Sweetspot

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



69.6752, 0.3029, 0.3279



98.8246, 0.3096, 0.3287



69.5062, 0.3114, 0.3439



21.1649, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

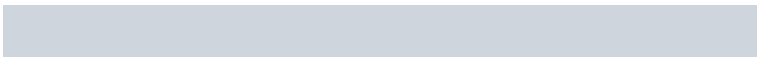
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6752, 0.3029, 0.3279



95.4527, 0.3003, 0.3276



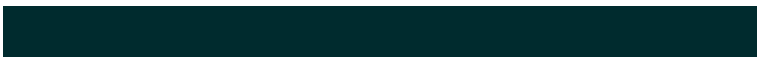
66.0744, 0.3030, 0.3200



14.6701, 0.2982, 0.3274



28.7378, 0.2188, 0.3077



1.9083, 0.2199, 0.3114

Inverse Universe

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



65.1316, 0.3141, 0.3146



87.5789, 0.3145, 0.3107



68.4177, 0.3227, 0.3378



13.2588, 0.3148, 0.3075



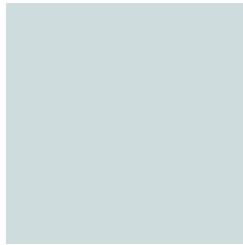
11.5249, 0.3387, 0.1639



0.7513, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 69.6723, 0.3029, 0.3279 looks on a white background.

Color Contrast Check

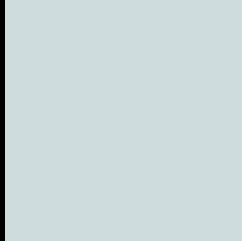
Large Text (above 18pt) WCAG AA × Fail

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 69.6723, 0.3029, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

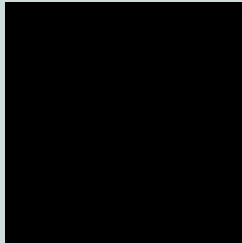
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

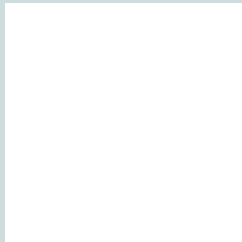
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6723, 0.3029, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 69.6723, 0.3029, 0.3279.

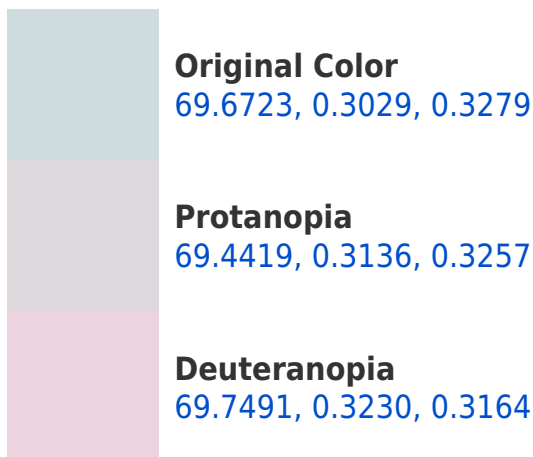


This preview shows how white text looks on a background with the Yxy color 69.6723, 0.3029, 0.3279.

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

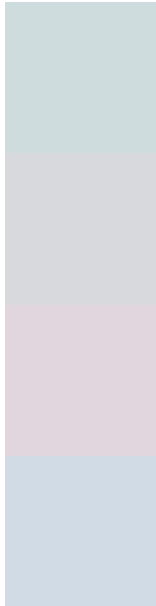




Tritanopia

69.6963, 0.2955, 0.3103

Trichromacy



Original Color

69.6723, 0.3029, 0.3279

Protanomaly

69.2401, 0.3093, 0.3257

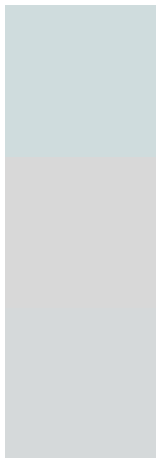
Deuteranomaly

69.3746, 0.3153, 0.3204

Tritanomaly

69.7861, 0.2979, 0.3168

Monochromacy



Original Color

69.6723, 0.3029, 0.3279

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8338, 0.3092, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6723, 0.3029, 0.3279 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, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(207, 220, 221)  
}
```

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, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 220, 221) }
```

Border

The CSS property to change the border of an element to Yxy 69.6723, 0.3029, 0.3279 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, 220, 221) }
```

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

```
.border{ border-color:rgb(207, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(207, 220,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6723, 0.3029, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 220, 221) }
```

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

```
.background{ background-color: rgb(207,  
220, 221) }
```

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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