

Converting Colors

$Yxy(67.7943, 0.3094, 0.3232)$

Have a look what the booklet for
Yxy(67.7943, 0.3094, 0.3232)
contains.

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Color

Yxy(67.7075, 0.3094, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	D7D6DC
RGB	215, 214, 220
RGB Percent	84%, 84%, 86%
CMY	0.1568, 0.1608, 0.1371
CMYK	0.02, 0.03, 0.00, 0.14
HSL	250°, 8%, 85%
HSV	250°, 3%, 86%
XYZ	64.9975, 67.7075, 77.3710
YIQ	214.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

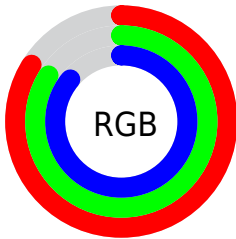
Format	Color
R _Y B	215, 214, 220
Decimal	14145244
CIE Lab	85.86, 1.46, -2.85
CIE LCh	86, 3.203, 297.096
Yxy	67.7075, 0.3094, 0.3223
Android (android.graphics.Color)	4292335324 (0xFFD7D6DC)
YUV	214.9830, 2.4734, 0.0149
Hunter-Lab	82.2846, -2.9988, 1.8497

Details

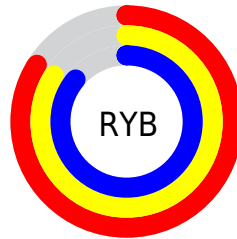
The Yxy color **67.7075, 0.3094, 0.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1145, 0.3160, 0.3356**, and the grayscale version is **67.9315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9865, 0.3084, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **54.7067, 0.2961, 0.2960**, and if you desaturate by 10%, it is **82.5261, 0.3209, 0.3457**.

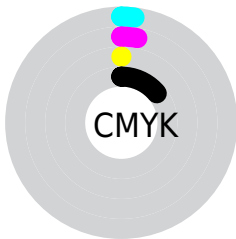
Distribution



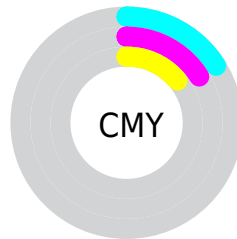
- Red (84%)
- Green (84%)
- Blue (86%)



- Red (84%)
- Yellow (84%)
- Blue (86%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7075, 0.3094, 0.3223 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 67.7075, 0.3094, 0.3223 by changing the saturation by 10% instead.

■ 67.7075, 0.3094,
0.3223

■ 67.7075, 0.3094,
0.3223

452.4590, 0.3110,
0.3254

■ 49.6598, 0.3090,
0.3216

115.9336, 0.3099,
0.3234

■ 35.1432, 0.3086,
0.3207

146.8808, 0.3102,
0.3238

■ 23.7732, 0.3080,
0.3195

182.8966, 0.3103,
0.3242

■ 15.1655, 0.3072,
0.3180

224.3655, 0.3105,
0.3245

■ 8.9356, 0.3062,
0.3159

271.6717, 0.3106,
0.3248

■ 4.6992, 0.3046,
0.3128

325.1998, 0.3108,

■ 2.0719, 0.3020,

0.3250

0.3078

385.3341, 0.3109,
0.3252

0.6487, 0.2956,
0.2940

0.0000, 0.0000,
0.0000

67.7075, 0.3094,
0.3223

67.7075, 0.3094,
0.3223

54.7067, 0.2961,
0.2960

82.5261, 0.3209,
0.3457

43.4451, 0.2810,
0.2666

97.2907, 0.3310,
0.3633

33.8510, 0.2641,
0.2348

97.9487, 0.3333,
0.3631

25.8447, 0.2456,
0.2012

■ 19.3395, 0.2263,
0.1673

■ 14.2407, 0.2072,
0.1351

■ 10.4424, 0.1894,
0.1069

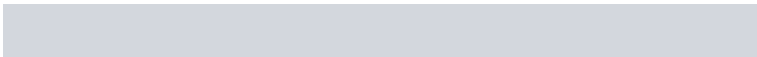
■ 7.8237, 0.1742,
0.0848

■ 6.2399, 0.1628,
0.0702

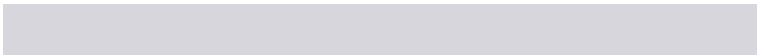
Harmonies

Analogous

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



67.7075, 0.3064, 0.3227



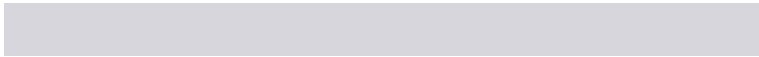
67.7075, 0.3094, 0.3223



67.7075, 0.3133, 0.3237

Triad

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



67.7075, 0.3094, 0.3223



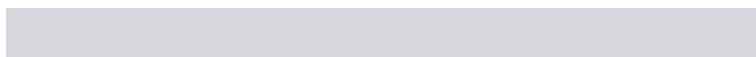
67.7075, 0.3205, 0.3332



67.7075, 0.3083, 0.3316

Complementary

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



67.7075, 0.3094, 0.3223



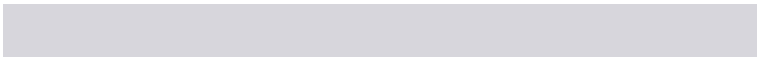
71.1145, 0.3160, 0.3356

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.



67.7075, 0.3121, 0.3345



67.7075, 0.3094, 0.3223



67.7075, 0.3191, 0.3354

Square

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



67.7075, 0.3094, 0.3223



67.7075, 0.3197, 0.3299



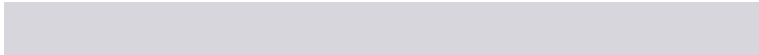
67.7075, 0.3160, 0.3358



67.7075, 0.3058, 0.3281

Rectangle

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



67.7075, 0.3094, 0.3223



67.7075, 0.3159, 0.3254



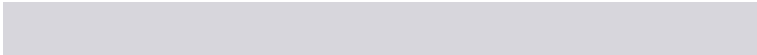
67.7075, 0.3160, 0.3358



67.7075, 0.3095, 0.3327

Sweetspot

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



67.7104, 0.3094, 0.3223



97.9852, 0.3115, 0.3266



70.1384, 0.3085, 0.3279



20.9941, 0.3116, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

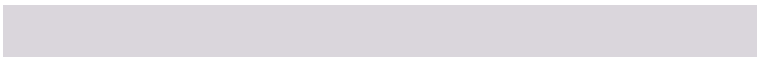
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7104, 0.3094, 0.3223



94.0331, 0.3090, 0.3216



68.1671, 0.3116, 0.3224



14.3403, 0.3081, 0.3197



3.3040, 0.1579, 0.0643



0.2472, 0.1720, 0.0721

Inverse Universe

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



68.4245, 0.3137, 0.3235



95.1317, 0.3138, 0.3229



70.6551, 0.3138, 0.3357



14.5516, 0.3141, 0.3214



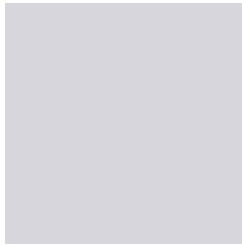
10.9347, 0.3693, 0.1808



0.7187, 0.3601, 0.1757

Previews

White Background



This preview shows how the Yxy color 67.7075, 0.3094, 0.3223 looks on a white background.

Color Contrast Check

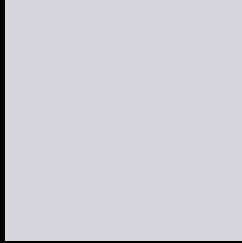
Large Text (above 18pt) WCAG AA × Fail

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 67.7075, 0.3094, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

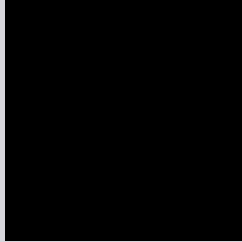
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

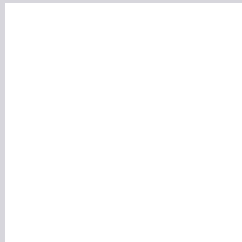
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7075, 0.3094, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 67.7075, 0.3094, 0.3223.

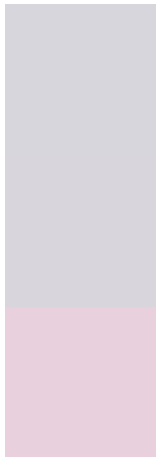


This preview shows how white text looks on a background with the Yxy color 67.7075, 0.3094, 0.3223.

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

67.7075, 0.3094, 0.3223

Protanopia

67.5075, 0.3109, 0.3213

Deuteranopia

67.4880, 0.3216, 0.3151



Tritanopia

67.8446, 0.3042, 0.3115

Trichromacy



Original Color

67.7075, 0.3094, 0.3223

Protanomaly

67.3547, 0.3102, 0.3212

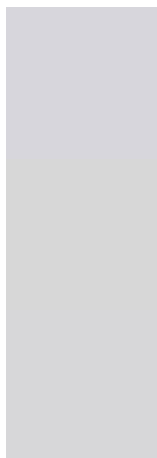
Deuteranomaly

67.4824, 0.3170, 0.3171

Tritanomaly

67.6784, 0.3061, 0.3147

Monochromacy



Original Color

67.7075, 0.3094, 0.3223

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0577, 0.3114, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7075, 0.3094, 0.3223 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(215, 214, 220) looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 220)  
}
```

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(215, 214, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.7075, 0.3094, 0.3223 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(215, 214, 220) }
```

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

```
.border{ border-color:rgb(215, 214, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7075, 0.3094, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 220) }
```

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

```
.background{ background-color: rgb(215,  
214, 220) }
```

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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