

Converting Colors

Yxy(69.9983, 0.3190, 0.3425)

Have a look what the booklet for
Yxy(69.9983, 0.3190, 0.3425)
contains.

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Color

Yxy(69.9197, 0.3193, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	D9DBC F
RGB	217, 219, 207
RGB Percent	85%, 86%, 81%
CMY	0.1491, 0.1411, 0.1883
CMYK	0.01, 0.00, 0.05, 0.14
HSL	70°, 14%, 84%
HSV	70°, 5%, 86%
XYZ	65.2026, 69.9197, 69.0825
YIQ	217.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

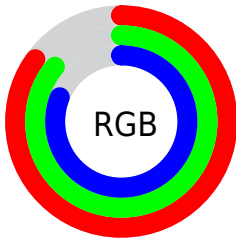
Format	Color
R _Y B	207, 219, 209
Decimal	14277583
CIE Lab	86.96, -2.81, 5.66
CIE LCh	87, 6.316, 116.410
Yxy	69.9197, 0.3193, 0.3424
Android (android.graphics.Color)	4292467663 (0xFFD9DBCF)
YUV	217.0340, -4.9468, -0.0298
Hunter-Lab	83.6180, -7.1431, 9.5491

Details

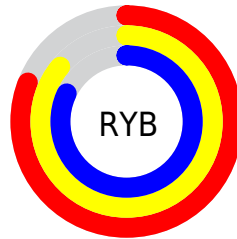
The Yxy color **69.9197, 0.3193, 0.3424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2944, 0.3059, 0.3154**, and the grayscale version is **69.4447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5322, 0.3205, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **68.3627, 0.3315, 0.3678**, and if you desaturate by 10%, it is **71.6442, 0.3074, 0.3183**.

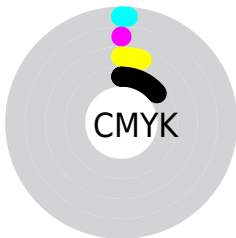
Distribution



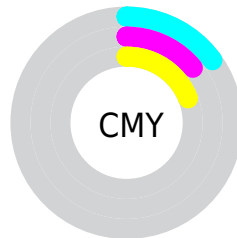
- Red (85%)
- Green (86%)
- Blue (81%)



- Red (81%)
- Yellow (86%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9197, 0.3193, 0.3424 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 69.9197, 0.3193, 0.3424 by changing the saturation by 10% instead.

■ 69.9197, 0.3193,
0.3424

■ 69.9197, 0.3193,
0.3424

460.2680, 0.3162,
0.3361

■ 51.4611, 0.3200,
0.3439

119.0942, 0.3182,
0.3402

■ 36.5757, 0.3209,
0.3457

150.5789, 0.3178,
0.3394

■ 24.8791, 0.3220,
0.3480

187.1744, 0.3175,
0.3386

■ 15.9870, 0.3234,
0.3511

229.2652, 0.3172,
0.3380

■ 9.5150, 0.3254,
0.3553

277.2355, 0.3169,
0.3374

■ 5.0786, 0.3282,
0.3616

331.4698, 0.3167,

■ 2.2934, 0.3328,

0.3369

0.3717

392.3525, 0.3164,
0.3365

0.7702, 0.3535,
0.4104

0.0000, 0.0000,
0.0000

69.9197, 0.3193,
0.3424

69.9197, 0.3193,
0.3424

68.3627, 0.3315,
0.3678

71.6442, 0.3074,
0.3183

66.9578, 0.3437,
0.3940

73.5328, 0.2961,
0.2959

65.7016, 0.3555,
0.4202

74.4015, 0.2960,
0.2920

64.5870, 0.3663,
0.4457

75.0152, 0.2985,
0.2923

63.6061, 0.3756,
0.4693

75.6420, 0.3010,
0.2925

62.7506, 0.3830,
0.4899

76.2820, 0.3035,
0.2928

62.0108, 0.3879,
0.5066

76.9353, 0.3060,
0.2931

61.3756, 0.3902,
0.5188

77.6018, 0.3086,
0.2934

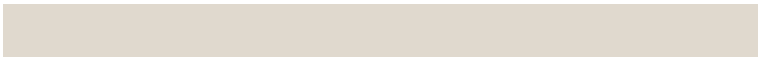
60.8313, 0.3900,
0.5265

78.2818, 0.3111,
0.2937

Harmonies

Analogous

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



69.9197, 0.3253, 0.3413



69.9197, 0.3193, 0.3424



69.9197, 0.3116, 0.3398

Triad

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



69.9197, 0.3193, 0.3424



69.9197, 0.2978, 0.3208



69.9197, 0.3211, 0.3239

Complementary

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



69.9197, 0.3193, 0.3424



63.2944, 0.3059, 0.3154

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.



69.9197, 0.3137, 0.3186



69.9197, 0.3193, 0.3424



69.9197, 0.3003, 0.3168

Square

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



69.9197, 0.3193, 0.3424



69.9197, 0.2993, 0.3272



69.9197, 0.3061, 0.3160



69.9197, 0.3263, 0.3306

Rectangle

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



69.9197, 0.3193, 0.3424



69.9197, 0.3066, 0.3363



69.9197, 0.3061, 0.3160



69.9197, 0.3188, 0.3219

Sweetspot

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



69.9227, 0.3193, 0.3424



99.5124, 0.3151, 0.3339



65.1640, 0.3217, 0.3313



21.3049, 0.3150, 0.3336



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.



69.9227, 0.3193, 0.3424



98.3342, 0.3212, 0.3463



69.0230, 0.3150, 0.3426



15.2121, 0.3218, 0.3475



35.9725, 0.3898, 0.5287



2.3606, 0.3949, 0.5246

Inverse Universe

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



63.2944, 0.3059, 0.3154



86.4309, 0.3039, 0.3113



64.1832, 0.3103, 0.3156



13.2480, 0.3032, 0.3100



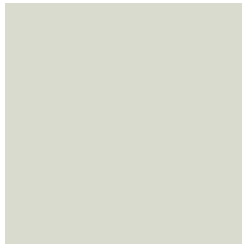
3.2993, 0.1577, 0.0643



0.2466, 0.1718, 0.0720

Previews

White Background



This preview shows how the Yxy color 69.9197, 0.3193, 0.3424 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 69.9197, 0.3193, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

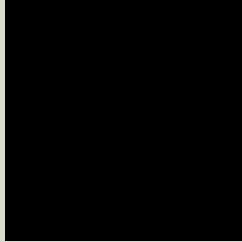
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

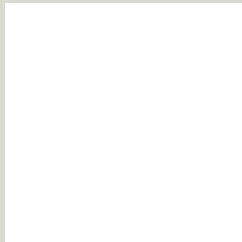
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9197, 0.3193, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 69.9197, 0.3193, 0.3424.

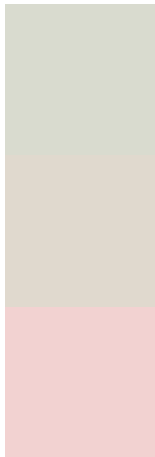


This preview shows how white text looks on a background with the Yxy color 69.9197, 0.3193, 0.3424.

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

69.9197, 0.3193, 0.3424

Protanopia

69.9292, 0.3253, 0.3411

Deuteranopia

69.5739, 0.3377, 0.3301



Tritanopia

69.7992, 0.3057, 0.3107

Trichromacy



Original Color

69.9197, 0.3193, 0.3424

Protanomaly

69.9712, 0.3230, 0.3423

Deuteranomaly

69.4662, 0.3312, 0.3344

Tritanomaly

69.6551, 0.3109, 0.3214

Monochromacy



Original Color

69.9197, 0.3193, 0.3424

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.6986, 0.3153, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9197, 0.3193, 0.3424 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(217, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 219, 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(217, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 219, 207) }
```

Border

The CSS property to change the border of an element to Yxy 69.9197, 0.3193, 0.3424 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(217, 219, 207) }
```

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

```
.border{ border-color:rgb(217, 219, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 219,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9197, 0.3193, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 219, 207) }
```

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

```
.background{ background-color: rgb(217,  
219, 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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