

Converting Colors

$Yxy(71.7116, 0.3119, 0.3471)$

Have a look what the booklet for
Yxy(71.7116, 0.3119, 0.3471)
contains.

Yxy(72.0092, 0.3119, 0.3470)	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(72.0092, 0.3119, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	D1E1D1
RGB	209, 225, 209
RGB Percent	82%, 88%, 82%
CMY	0.1804, 0.1176, 0.1805
CMYK	0.07, 0.00, 0.07, 0.12
HSL	120°, 21%, 85%
HSV	120°, 7%, 88%
XYZ	64.7253, 72.0092, 70.7848
YIQ	218.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

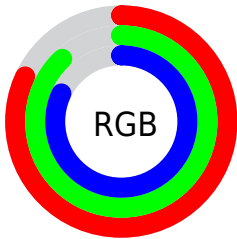
Format	Color
R_{YB}	209, 225, 225
Decimal	13754833
CIE _{Lab}	87.97, -8.27, 6.01
CIE _{LCh}	88, 10.218, 143.990
Yxy	72.0092, 0.3119, 0.3470
Android (android.graphics.Color)	4291944913 (0xFFD1E1D1)
YUV	218.3920, -4.6303, -8.2368
Hunter-Lab	84.8582, -12.3518, 9.9438

Details

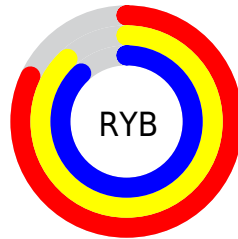
The Yxy color **72.0092, 0.3119, 0.3470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0221, 0.3135, 0.3116**, and the grayscale version is **70.4312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0846, 0.3117, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **67.9290, 0.3106, 0.3753**, and if you desaturate by 10%, it is **76.7141, 0.3130, 0.3223**.

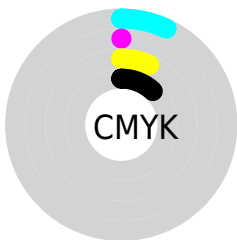
Distribution



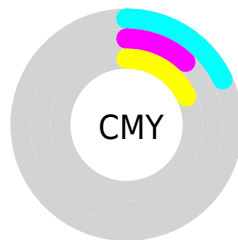
- Red (82%)
- Green (88%)
- Blue (82%)



- Red (82%)
- Yellow (88%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0092, 0.3119, 0.3470 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 72.0092, 0.3119, 0.3470 by changing the saturation by 10% instead.

■ 72.0092, 0.3119,
0.3470

■ 72.0092, 0.3119,
0.3470

467.5736, 0.3123,
0.3386

■ 53.1662, 0.3118,
0.3490

122.0696, 0.3121,
0.3440

■ 37.9355, 0.3116,
0.3514

154.0558, 0.3121,
0.3429

■ 25.9326, 0.3114,
0.3545

191.1918, 0.3122,
0.3419

■ 16.7732, 0.3112,
0.3587

233.8621, 0.3122,
0.3411

■ 10.0729, 0.3108,
0.3644

282.4511, 0.3122,
0.3403

■ 5.4473, 0.3101,
0.3729

337.3430, 0.3123,

■ 2.5121, 0.3088,

0.3397

398.9224, 0.3123,
0.3391

0.3868

0.8827, 0.3092,
0.4283

0.0000, 0.0000,
0.0000

72.0092, 0.3119,
0.3470

72.0092, 0.3119,
0.3470

67.9290, 0.3106,
0.3753

76.7141, 0.3130,
0.3223

64.4386, 0.3092,
0.4069

82.0586, 0.3140,
0.3008

61.5135, 0.3076,
0.4413

82.3346, 0.3141,
0.2999

59.1238, 0.3059,
0.4773

■ 57.2373, 0.3043,
0.5127

■ 55.8180, 0.3027,
0.5449

■ 54.8251, 0.3015,
0.5710

■ 54.2110, 0.3006,
0.5890

■ 53.9140, 0.3001,
0.5982

Harmonies

Analogous

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



72.0092, 0.3241, 0.3507



72.0092, 0.3119, 0.3470



72.0092, 0.3001, 0.3382

Triad

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



72.0092, 0.3119, 0.3470



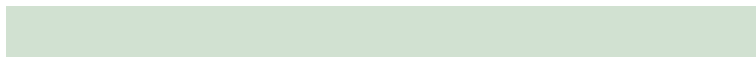
72.0092, 0.2923, 0.3098



72.0092, 0.3341, 0.3305

Complementary

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



72.0092, 0.3119, 0.3470



67.0221, 0.3135, 0.3116

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.



72.0092, 0.3253, 0.3200



72.0092, 0.3119, 0.3470



72.0092, 0.3011, 0.3082

Square

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



72.0092, 0.3119, 0.3470



72.0092, 0.2889, 0.3165



72.0092, 0.3132, 0.3119



72.0092, 0.3371, 0.3408

Rectangle

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



72.0092, 0.3119, 0.3470



72.0092, 0.2940, 0.3308



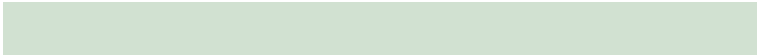
72.0092, 0.3132, 0.3119



72.0092, 0.3318, 0.3269

Sweetspot

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



72.0123, 0.3119, 0.3470



98.7238, 0.3125, 0.3339



74.3206, 0.3233, 0.3461



21.1443, 0.3125, 0.3337



0.0000, 0.0000, 0.0000



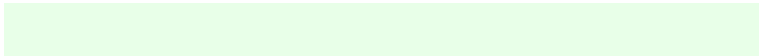
21.4041, 0.3127, 0.3290

Same Dimension

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



72.0123, 0.3119, 0.3470



94.5230, 0.3117, 0.3522



72.3998, 0.3069, 0.3382



15.3389, 0.3116, 0.3532



31.0339, 0.3001, 0.6000



2.1517, 0.3002, 0.5998

Inverse Universe

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



67.0221, 0.3135, 0.3116



86.2103, 0.3137, 0.3069



66.6149, 0.3189, 0.3200



13.9338, 0.3138, 0.3059



12.3049, 0.3203, 0.1538



0.8535, 0.3204, 0.1539

Previews

White Background



This preview shows how the Yxy color 72.0092, 0.3119, 0.3470 looks on a white background.

Color Contrast Check

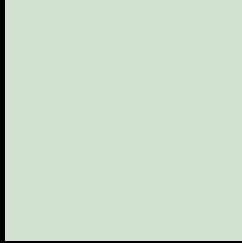
Large Text (above 18pt) WCAG AA × Fail

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 72.0092, 0.3119, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

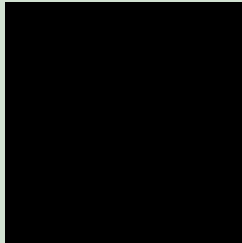
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

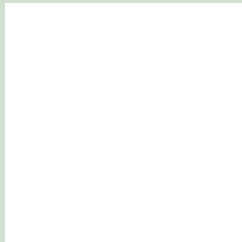
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0092, 0.3119, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 72.0092, 0.3119, 0.3470.

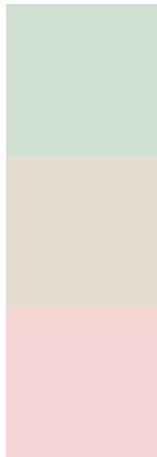


This preview shows how white text looks on a background with the Yxy color 72.0092, 0.3119, 0.3470.

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

72.0092, 0.3119, 0.3470

Protanopia

72.1366, 0.3280, 0.3442

Deuteranopia

71.7041, 0.3381, 0.3312



Tritanopia

72.1821, 0.2970, 0.3106

Trichromacy



Original Color

72.0092, 0.3119, 0.3470

Protanomaly

72.1197, 0.3220, 0.3455

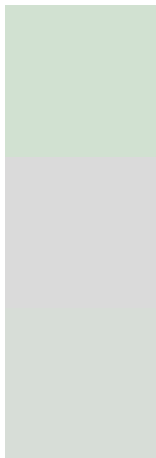
Deuteranomaly

71.4347, 0.3285, 0.3366

Tritanomaly

71.7857, 0.3025, 0.3235

Monochromacy



Original Color

72.0092, 0.3119, 0.3470

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0663, 0.3124, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0092, 0.3119, 0.3470 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(209, 225, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 209)  
}
```

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(209, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 209) }
```

Border

The CSS property to change the border of an element to Yxy 72.0092, 0.3119, 0.3470 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(209, 225, 209) }
```

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

```
.border{ border-color:rgb(209, 225, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 225,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0092, 0.3119, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 209) }
```

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

```
.background{ background-color: rgb(209,  
225, 209) }
```

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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