

Converting Colors

$Yxy(73.0397, 0.3051, 0.3564)$

Have a look what the booklet for
Yxy(73.0397, 0.3051, 0.3564)
contains.

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Color

Yxy(72.9202, 0.3054, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	C5E6CE
RGB	197, 230, 206
RGB Percent	77%, 90%, 81%
CMY	0.2273, 0.0980, 0.1923
CMYK	0.14, 0.00, 0.10, 0.10
HSL	136°, 40%, 84%
HSV	136°, 14%, 90%
XYZ	62.4680, 72.9202, 69.1566
YIQ	217.3970, -11.9640, -14.4600

Conversions

Conversions Part 2

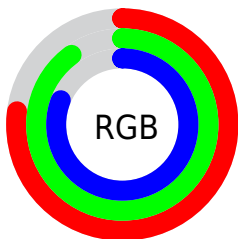
Format	Color
RYB	197, 223, 230
Decimal	12969678
CIELab	88.41, -15.32, 8.10
CIElCh	88, 17.330, 152.140
Yxy	72.9202, 0.3054, 0.3565
Android (android.graphics.Color)	4291159758 (0xFFC5E6CE)
YUV	217.3970, -5.6187, -17.8882
Hunter-Lab	85.3933, -18.8598, 11.7588

Details

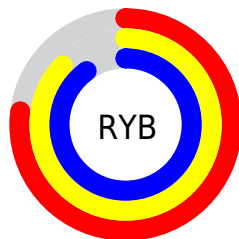
The Yxy color **72.9202, 0.3054, 0.3565** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.9972, 0.3209, 0.3030**, and the grayscale version is **69.7250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **38.3787, 0.3033, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **69.2791, 0.3004, 0.3786**, and if you desaturate by 10%, it is **77.1282, 0.3105, 0.3368**.

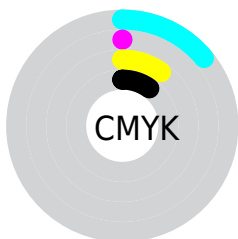
Distribution



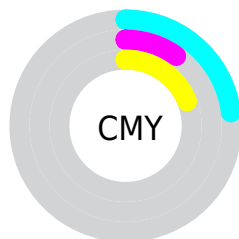
- Red (77%)
- Green (90%)
- Blue (81%)



- Red (77%)
- Yellow (87%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)





- Cyan (23%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9202, 0.3054, 0.3565 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 72.9202, 0.3054, 0.3565 by changing the saturation by 10% instead.


 72.9202, 0.3054,
0.3565

 72.9202, 0.3054,
0.3565

470.7382, 0.3089,
0.3435

 53.9107, 0.3046,
0.3595


123.3639, 0.3066,
0.3519

 38.5303, 0.3035,
0.3633


155.5669, 0.3071,
0.3502

 26.3945, 0.3022,
0.3682


192.9366, 0.3075,
0.3487

 17.1190, 0.3003,
0.3746

235.8573, 0.3079,
0.3474

 10.3194, 0.2977,
0.3836

284.7134, 0.3082,
0.3462

 5.6112, 0.2938,
0.3970


339.8893, 0.3085,

 2.6102, 0.2872,


0.3452


0.4191


401.7694, 0.3087,
0.3443


 0.9318, 0.2703,
0.4930


 0.0000, 0.0000,
0.0000


 72.9202, 0.3054,
0.3565

 72.9202, 0.3054,
0.3565


 69.2791, 0.3004,
0.3786


 77.1282, 0.3105,
0.3368

 66.1714, 0.2957,
0.4030

 81.9163, 0.3156,
0.3194

 63.5743, 0.2916,
0.4294

 85.0727, 0.3138,
0.3048

 61.4598, 0.2884,
0.4571

■ 59.7970, 0.2864,
0.4852

■ 58.5514, 0.2859,
0.5124

■ 57.6832, 0.2870,
0.5372

■ 57.1444, 0.2895,
0.5584

■ 56.9442, 0.2912,
0.5684

Harmonies

Analogous

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



72.9202, 0.3264, 0.3654



72.9202, 0.3054, 0.3565



72.9202, 0.2868, 0.3395

Triad

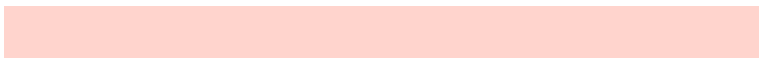
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9202, 0.3054, 0.3565



72.9202, 0.2817, 0.2951



72.9202, 0.3516, 0.3360

Complementary

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



72.9202, 0.3054, 0.3565



61.9972, 0.3209, 0.3030

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.



72.9202, 0.3388, 0.3183



72.9202, 0.3054, 0.3565



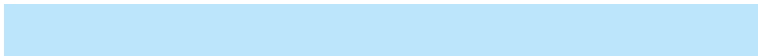
72.9202, 0.2982, 0.2952

Square

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



72.9202, 0.3054, 0.3565



72.9202, 0.2735, 0.3038



72.9202, 0.3191, 0.3036



72.9202, 0.3535, 0.3525

Rectangle

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



72.9202, 0.3054, 0.3565



72.9202, 0.2782, 0.3264



72.9202, 0.3191, 0.3036



72.9202, 0.3484, 0.3300

Sweetspot

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



72.9233, 0.3054, 0.3565



97.6468, 0.3107, 0.3362



76.0308, 0.3278, 0.3652



20.8086, 0.3103, 0.3376



0.0000, 0.0000, 0.0000



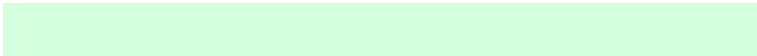
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9233, 0.3054, 0.3565



90.8144, 0.3040, 0.3624



73.7588, 0.2955, 0.3376



16.1530, 0.3079, 0.3466



32.2567, 0.2905, 0.5658



2.3989, 0.2825, 0.5371

Inverse Universe

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



61.9972, 0.3209, 0.3030



74.6584, 0.3227, 0.2978



61.1680, 0.3333, 0.3206



14.5451, 0.3179, 0.3120



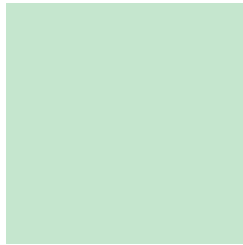
11.1392, 0.4036, 0.1997



0.8385, 0.3888, 0.1915

Previews

White Background



This preview shows how the Yxy color 72.9202, 0.3054, 0.3565 looks on a white background.

Color Contrast Check

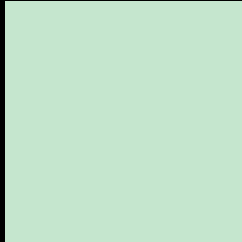
Large Text (above 18pt) WCAG AA × Fail

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 72.9202, 0.3054, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

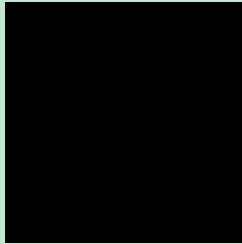
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

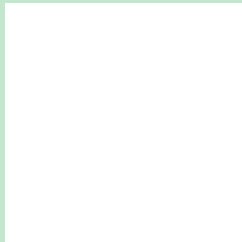
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9202, 0.3054, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 72.9202, 0.3054, 0.3565.

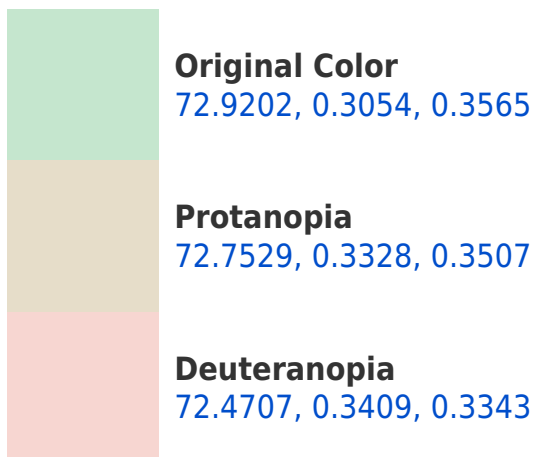


This preview shows how white text looks on a background with the Yxy color 72.9202, 0.3054, 0.3565.

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

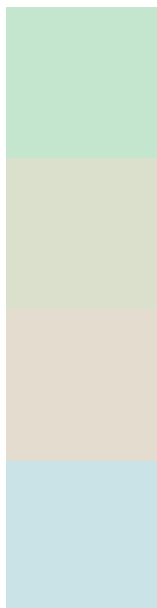




Tritanopia

73.0180, 0.2869, 0.3093

Trichromacy



Original Color

72.9202, 0.3054, 0.3565

Protanomaly

72.5285, 0.3223, 0.3523

Deuteranomaly

72.3985, 0.3273, 0.3420

Tritanomaly

73.0688, 0.2934, 0.3256

Monochromacy



Original Color

72.9202, 0.3054, 0.3565

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.7483, 0.3101, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9202, 0.3054, 0.3565 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(197, 230, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 230, 206)  
}
```

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(197, 230, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 230, 206) }
```

Border

The CSS property to change the border of an element to Yxy 72.9202, 0.3054, 0.3565 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(197, 230, 206) }
```

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

```
.border{ border-color:rgb(197, 230, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 230, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 230, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 230, 206); box-shadow:4px 4px 4px 4px rgb(197, 230, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9202, 0.3054, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 230, 206) }
```

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

```
.background{ background-color: rgb(197,  
230, 206) }
```

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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