

Converting Colors

Yxy(71.9655, 0.3016, 0.3558)

Have a look what the booklet for
Yxy(71.9655, 0.3016, 0.3558)
contains.

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Color

Yxy(72.2563, 0.3020, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	C0E6CE
RGB	192, 230, 206
RGB Percent	75%, 90%, 81%
CMY	0.2471, 0.0980, 0.1920
CMYK	0.17, 0.00, 0.10, 0.10
HSL	142°, 43%, 83%
HSV	142°, 17%, 90%
XYZ	61.1758, 72.2563, 69.1367
YIQ	215.9020, -14.9440, -15.5200

Conversions

Conversions Part 2

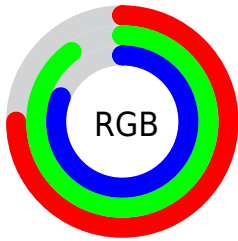
Format	Color
RYB	192, 220, 230
Decimal	12641998
CIELab	88.09, -16.97, 7.57
CIElCh	88, 18.581, 155.967
Yxy	72.2563, 0.3020, 0.3567
Android (android.graphics.Color)	4290832078 (0xFFC0E6CE)
YUV	215.9020, -4.8817, -20.9621
Hunter-Lab	85.0037, -20.2929, 11.2798

Details

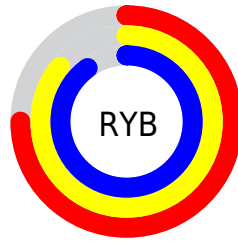
The Yxy color **72.2563, 0.3020, 0.3567** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.4722, 0.3252, 0.3028**, and the grayscale version is **68.6419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **37.9424, 0.2991, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **68.8154, 0.2958, 0.3761**, and if you desaturate by 10%, it is **76.2375, 0.3085, 0.3393**.

Distribution



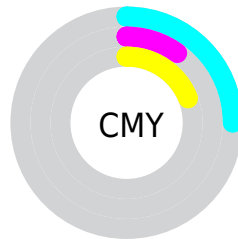
- Red (75%)
- Green (90%)
- Blue (81%)



- Red (75%)
- Yellow (86%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)




- Cyan (25%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2563, 0.3020, 0.3567 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 72.2563, 0.3020, 0.3567 by changing the saturation by 10% instead.


 72.2563, 0.3020,
0.3567

 72.2563, 0.3020,
0.3567


468.4332, 0.3071,
0.3436

 53.3681, 0.3008,
0.3598


 122.4209, 0.3038,
0.3521

 38.0967, 0.2993,
0.3636


154.4660, 0.3045,
0.3503

 26.0577, 0.2974,
0.3685


191.6655, 0.3051,
0.3488

 16.8668, 0.2948,
0.3751

234.4038, 0.3056,
0.3475

 10.1396, 0.2911,
0.3843

283.0654, 0.3060,
0.3463

 5.4916, 0.2857,
0.3979


338.0345, 0.3064,

 2.5385, 0.2766,

0.3453


399.6957, 0.3068,
0.3444


0.4205


 0.8958, 0.2457,
0.5035


 0.0000, 0.0000,
0.0000

 72.2563, 0.3020,
0.3567


 72.2563, 0.3020,
0.3567

 68.8154, 0.2958,
0.3761


 76.2375, 0.3085,
0.3393


 65.8821, 0.2901,
0.3974

 80.7719, 0.3150,
0.3239

 63.4343, 0.2852,
0.4204

 84.7300, 0.3173,
0.3100

 61.4444, 0.2815,
0.4447

 85.0769, 0.3138,
0.3048

■ 59.8821, 0.2793,
0.4694

■ 58.7133, 0.2788,
0.4938

■ 57.8982, 0.2801,
0.5167

■ 57.3871, 0.2832,
0.5374

■ 57.2527, 0.2844,
0.5439

Harmonies

Analogous

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



72.2563, 0.3245, 0.3676



72.2563, 0.3020, 0.3567



72.2563, 0.2828, 0.3376

Triad

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



72.2563, 0.3020, 0.3567



72.2563, 0.2812, 0.2921



72.2563, 0.3555, 0.3388

Complementary

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



72.2563, 0.3020, 0.3567



59.4722, 0.3252, 0.3028

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.



72.2563, 0.3431, 0.3198



72.2563, 0.3020, 0.3567



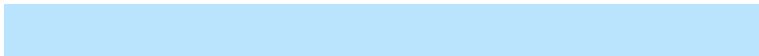
72.2563, 0.2998, 0.2935

Square

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



72.2563, 0.3020, 0.3567



72.2563, 0.2711, 0.3002



72.2563, 0.3225, 0.3035



72.2563, 0.3560, 0.3562

Rectangle

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



72.2563, 0.3020, 0.3567



72.2563, 0.2743, 0.3234



72.2563, 0.3225, 0.3035



72.2563, 0.3526, 0.3324

Sweetspot

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



72.2593, 0.3020, 0.3567



97.1546, 0.3094, 0.3369



75.0108, 0.3275, 0.3713



20.7126, 0.3090, 0.3380



0.0000, 0.0000, 0.0000



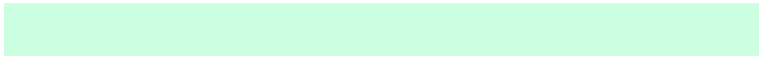
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2593, 0.3020, 0.3567



89.6768, 0.2997, 0.3634



73.2341, 0.2907, 0.3347



16.1768, 0.3066, 0.3442



32.4331, 0.2836, 0.5410



2.4142, 0.2754, 0.5114

Inverse Universe

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



59.4722, 0.3252, 0.3028



70.5107, 0.3284, 0.2969



58.5503, 0.3401, 0.3234



14.5201, 0.3194, 0.3143



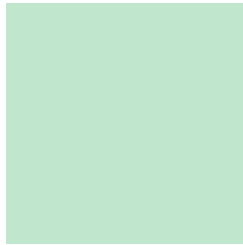
10.7060, 0.4413, 0.2205



0.8089, 0.4191, 0.2082

Previews

White Background



This preview shows how the Yxy color 72.2563, 0.3020, 0.3567 looks on a white background.

Color Contrast Check

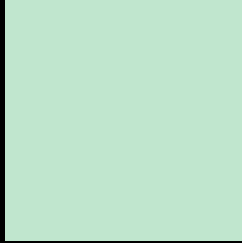
Large Text (above 18pt) WCAG AA × Fail

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 72.2563, 0.3020, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

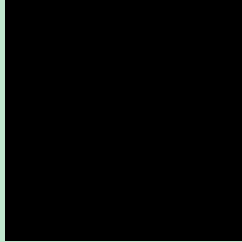
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

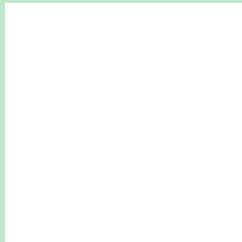
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2563, 0.3020, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 72.2563, 0.3020, 0.3567.

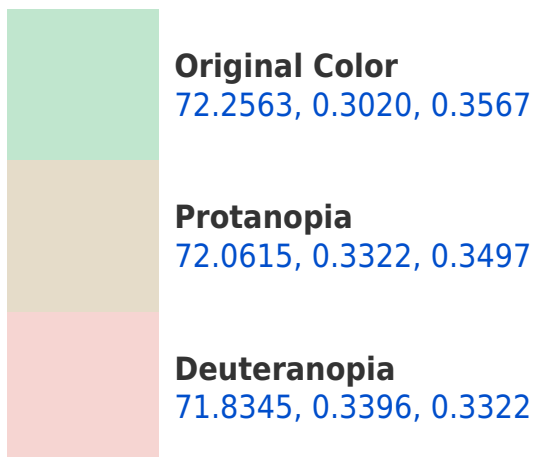


This preview shows how white text looks on a background with the Yxy color 72.2563, 0.3020, 0.3567.

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

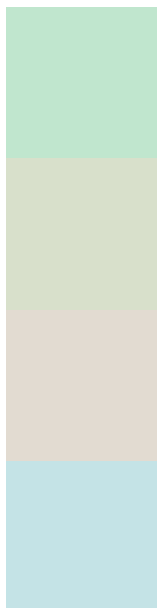




Tritanopia

72.3273, 0.2838, 0.3091

Trichromacy



Original Color

72.2563, 0.3020, 0.3567

Protanomaly

72.2220, 0.3208, 0.3524

Deuteranomaly

71.4352, 0.3245, 0.3399

Tritanomaly

72.3871, 0.2902, 0.3256

Monochromacy



Original Color

72.2563, 0.3020, 0.3567

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.7318, 0.3087, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2563, 0.3020, 0.3567 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(192, 230, 206)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 230, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 230, 206) }
```

Border

The CSS property to change the border of an element to Yxy 72.2563, 0.3020, 0.3567 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(192, 230, 206) }
```

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

```
.border{ border-color:rgb(192, 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(192, 230, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 230, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 230, 206);  
box-shadow:4px 4px 4px 4px rgb(192, 230,  
206) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2563, 0.3020, 0.3567$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 230, 206) }
```

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

```
.background{ background-color: rgb(192,  
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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