

Converting Colors

$Yxy(72.8224, 0.3035, 0.3560)$

Have a look what the booklet for
Yxy(72.8224, 0.3035, 0.3560)
contains.

Yxy(72.7007, 0.3034, 0.3554)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.7007, 0.3034, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	C3E6CF
RGB	195, 230, 207
RGB Percent	76%, 90%, 81%
CMY	0.2353, 0.0980, 0.1882
CMYK	0.15, 0.00, 0.10, 0.10
HSL	141°, 41%, 83%
HSV	141°, 15%, 90%
XYZ	62.0636, 72.7007, 69.7959
YIQ	216.9130, -13.4770, -14.5730

Conversions

Conversions Part 2

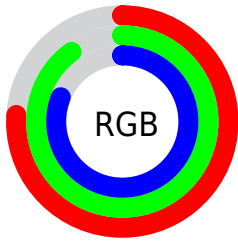
Format	Color
RYB	195, 221, 230
Decimal	12838607
CIELab	88.30, -15.81, 7.39
CIElCh	88, 17.451, 154.948
Yxy	72.7007, 0.3034, 0.3554
Android (android.graphics.Color)	4291028687 (0xFFC3E6CF)
YUV	216.9130, -4.8871, -19.2177
Hunter-Lab	85.2647, -19.2844, 11.1517

Details

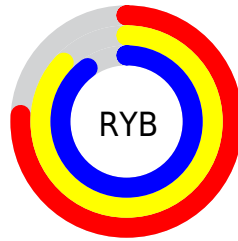
The Yxy color **72.7007, 0.3034, 0.3554** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9123, 0.3234, 0.3040**, and the grayscale version is **69.3672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **38.2347, 0.3008, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **69.1683, 0.2975, 0.3754**, and if you desaturate by 10%, it is **76.7818, 0.3095, 0.3375**.

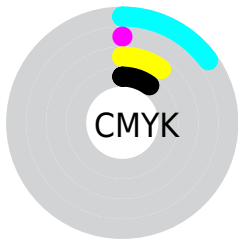
Distribution



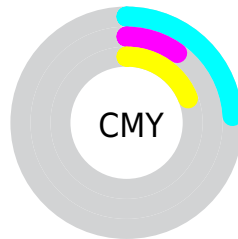
- Red (76%)
- Green (90%)
- Blue (81%)



- Red (76%)
- Yellow (87%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7007, 0.3034, 0.3554 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 72.7007, 0.3034, 0.3554 by changing the saturation by 10% instead.

■ 72.7007, 0.3034,
0.3554

■ 72.7007, 0.3034,
0.3554

469.9768, 0.3078,
0.3429

■ 53.7313, 0.3024,
0.3583

■ 123.0522, 0.3050,
0.3510

■ 38.3869, 0.3010,
0.3620

155.2031, 0.3056,
0.3493

■ 26.2831, 0.2994,
0.3666

192.5166, 0.3061,
0.3479

■ 17.0355, 0.2971,
0.3728

235.3771, 0.3065,
0.3466

■ 10.2598, 0.2940,
0.3815

284.1689, 0.3069,
0.3455

■ 5.5716, 0.2892,
0.3943


339.2766, 0.3073,

■ 2.5864, 0.2813,

0.3446

0.4155


401.0844, 0.3076,
0.3437


 0.9198, 0.2579,
0.4861


 0.0000, 0.0000,
0.0000

 72.7007, 0.3034,
0.3554


 72.7007, 0.3034,
0.3554


 69.1683, 0.2975,
0.3754


 76.7818, 0.3095,
0.3375

 66.1520, 0.2920,
0.3974

 81.4245, 0.3156,
0.3217

 63.6296, 0.2873,
0.4212

 84.9068, 0.3155,
0.3074

 61.5735, 0.2836,
0.4464

 85.0774, 0.3138,
0.3049

■ 59.9537, 0.2813,
0.4720

■ 58.7361, 0.2807,
0.4973

■ 57.8817, 0.2819,
0.5210

■ 57.3426, 0.2848,
0.5421

■ 57.1608, 0.2864,
0.5511

Harmonies

Analogous

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



72.7007, 0.3245, 0.3653



72.7007, 0.3034, 0.3554



72.7007, 0.2852, 0.3377

Triad

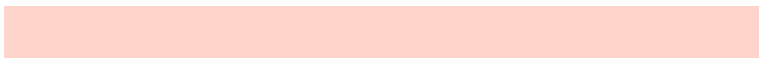
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7007, 0.3034, 0.3554



72.7007, 0.2827, 0.2944



72.7007, 0.3526, 0.3377

Complementary

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



72.7007, 0.3034, 0.3554



60.9123, 0.3234, 0.3040

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.



72.7007, 0.3406, 0.3198



72.7007, 0.3034, 0.3554



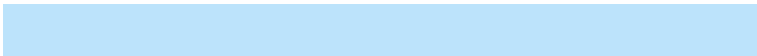
72.7007, 0.2999, 0.2954

Square

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



72.7007, 0.3034, 0.3554



72.7007, 0.2735, 0.3024



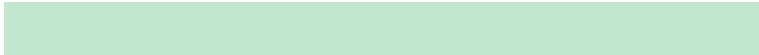
72.7007, 0.3211, 0.3046



72.7007, 0.3534, 0.3541

Rectangle

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



72.7007, 0.3034, 0.3554



72.7007, 0.2770, 0.3245



72.7007, 0.3211, 0.3046



72.7007, 0.3497, 0.3317

Sweetspot

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



72.7038, 0.3034, 0.3554



97.1338, 0.3096, 0.3372



75.4944, 0.3271, 0.3677



20.7075, 0.3092, 0.3384



0.0000, 0.0000, 0.0000



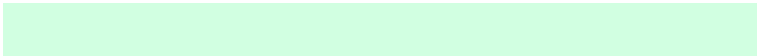
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7038, 0.3034, 0.3554



90.5179, 0.3017, 0.3609



73.5896, 0.2931, 0.3355



16.1704, 0.3069, 0.3448



32.3797, 0.2856, 0.5483



2.4097, 0.2774, 0.5186

Inverse Universe

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



60.9123, 0.3234, 0.3040



73.1568, 0.3257, 0.2991



60.0597, 0.3366, 0.3226



14.5268, 0.3190, 0.3137



10.8145, 0.4309, 0.2147



0.8164, 0.4107, 0.2036

Previews

White Background



This preview shows how the Yxy color 72.7007, 0.3034, 0.3554 looks on a white background.

Color Contrast Check

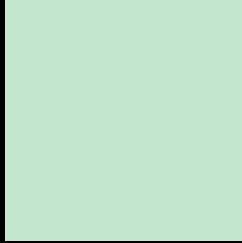
Large Text (above 18pt) WCAG AA × Fail

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 72.7007, 0.3034, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

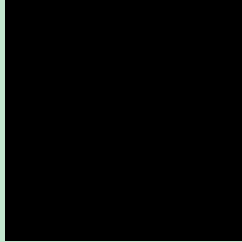
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

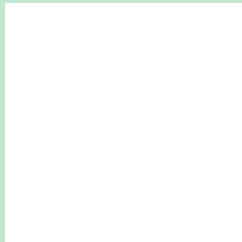
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7007, 0.3034, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 72.7007, 0.3034, 0.3554.

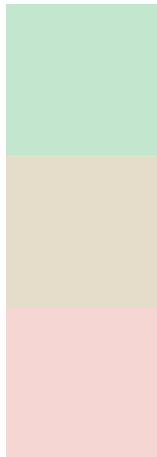


This preview shows how white text looks on a background with the Yxy color 72.7007, 0.3034, 0.3554.

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

72.7007, 0.3034, 0.3554

Protanopia

72.2737, 0.3322, 0.3485

Deuteranopia

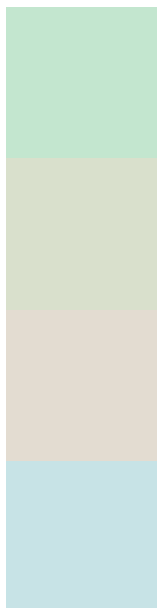
72.3391, 0.3394, 0.3332



Tritanopia

72.7390, 0.2856, 0.3092

Trichromacy



Original Color

72.7007, 0.3034, 0.3554

Protanomaly

72.4227, 0.3209, 0.3512

Deuteranomaly

72.1207, 0.3252, 0.3410

Tritanomaly

72.7935, 0.2921, 0.3256

Monochromacy



Original Color

72.7007, 0.3034, 0.3554

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.6020, 0.3094, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7007, 0.3034, 0.3554 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(195, 230, 207)` looks like.

```
.text, #text, p{  
    color:rgb(195, 230, 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(195, 230, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 230, 207) }
```

Border

The CSS property to change the border of an element to Yxy 72.7007, 0.3034, 0.3554 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(195, 230, 207) }
```

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

```
.border{ border-color:rgb(195, 230, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 230, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 230, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 230, 207);  
box-shadow:4px 4px 4px 4px rgb(195, 230,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7007, 0.3034, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 230, 207) }
```

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

```
.background{ background-color: rgb(195,  
230, 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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