

Converting Colors

$Yxy(72.7009, 0.3267, 0.3747)$

Have a look what the booklet for
Yxy(72.7009, 0.3267, 0.3747)
contains.

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Color

Yxy(72.7763, 0.3266, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	D2E4BB
RGB	210, 228, 187
RGB Percent	82%, 89%, 73%
CMY	0.1764, 0.1059, 0.2666
CMYK	0.08, 0.00, 0.18, 0.11
HSL	86°, 43%, 81%
HSV	86°, 18%, 89%
XYZ	63.2989, 72.7763, 57.7365
YIQ	217.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

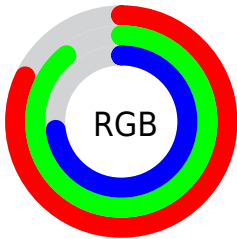
Format	Color
RYB	187, 228, 205
Decimal	13821115
CIELab	88.34, -13.11, 18.02
CIELCh	88, 22.281, 126.032
Yxy	72.7763, 0.3266, 0.3755
Android (android.graphics.Color)	4292011195 (0xFFD2E4BB)
YUV	217.9440, -15.2554, -6.9669
Hunter-Lab	85.3090, -16.8446, 19.5893

Details

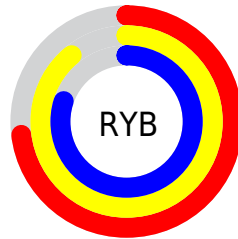
The Yxy color **72.7763, 0.3266, 0.3755** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.1295, 0.2967, 0.2820**, and the grayscale version is **70.1819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **38.5769, 0.3289, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **70.4567, 0.3340, 0.4038**, and if you desaturate by 10%, it is **75.3490, 0.3189, 0.3488**.

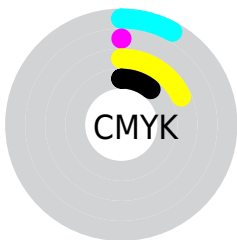
Distribution



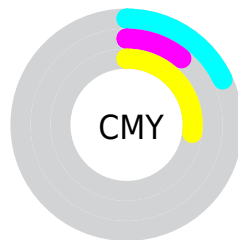
- Red (82%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)




- Cyan (18%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7763, 0.3266, 0.3755 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 72.7763, 0.3266, 0.3755 by changing the saturation by 10% instead.

 72.7763, 0.3266,
0.3755

 72.7763, 0.3266,
0.3755


470.2391, 0.3204,
0.3535

 53.7931, 0.3279,
0.3806


 123.1596, 0.3245,
0.3678

 38.4362, 0.3295,
0.3871

155.3284, 0.3237,
0.3648

 26.3214, 0.3315,
0.3953

192.6613, 0.3230,
0.3622

 17.0643, 0.3339,
0.4062

235.5425, 0.3224,
0.3600

 10.2803, 0.3369,
0.4213

284.3565, 0.3218,
0.3581

 5.5852, 0.3407,
0.4436


339.4877, 0.3213,

 2.5945, 0.3450,

0.3564

0.4793

401.3204, 0.3209,
0.3548

 0.9239, 0.3764,
0.6236


 0.0000, 0.0000,
0.0000


 72.7763, 0.3266,
0.3755


 72.7763, 0.3266,
0.3755


 70.4567, 0.3340,
0.4038


 75.3490, 0.3189,
0.3488


 68.3717, 0.3408,
0.4329

 78.1736, 0.3112,
0.3242

 66.5150, 0.3465,
0.4621

 81.2343, 0.3039,
0.3020

 64.8760, 0.3507,
0.4900

 83.0330, 0.3106,
0.3026

■ 63.4435, 0.3528,
0.5151

■ 83.9649, 0.3139,
0.3029

■ 62.2046, 0.3526,
0.5362

■ 61.1448, 0.3501,
0.5522

■ 60.2440, 0.3455,
0.5628

■ 60.0749, 0.3445,
0.5647

Harmonies

Analogous

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



72.7763, 0.3505, 0.3746



72.7763, 0.3266, 0.3755



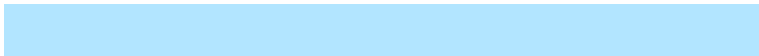
72.7763, 0.2997, 0.3623

Triad

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



72.7763, 0.3266, 0.3755



72.7763, 0.2633, 0.2945



72.7763, 0.3491, 0.3180

Complementary

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



72.7763, 0.3266, 0.3755



54.1295, 0.2967, 0.2820

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.



72.7763, 0.3243, 0.2988



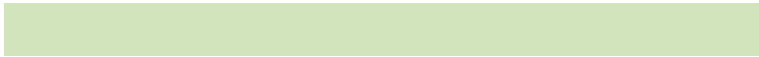
72.7763, 0.3266, 0.3755



72.7763, 0.2752, 0.2851

Square

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



72.7763, 0.3266, 0.3755



72.7763, 0.2639, 0.3139



72.7763, 0.2972, 0.2869



72.7763, 0.3641, 0.3405

Rectangle

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



72.7763, 0.3266, 0.3755



72.7763, 0.2837, 0.3475



72.7763, 0.2972, 0.2869



72.7763, 0.3416, 0.3110

Sweetspot

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



72.7795, 0.3266, 0.3755



98.1608, 0.3166, 0.3414



63.6388, 0.3440, 0.3489



20.9566, 0.3171, 0.3432



0.0000, 0.0000, 0.0000



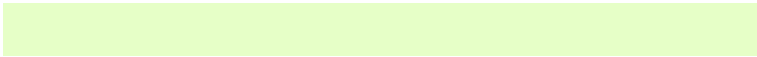
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7795, 0.3266, 0.3755



92.5278, 0.3298, 0.3871



69.9893, 0.3123, 0.3776



16.4863, 0.3200, 0.3527



34.7621, 0.3455, 0.5639



2.6236, 0.3559, 0.5556

Inverse Universe

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



54.1295, 0.2967, 0.2820



63.7887, 0.2924, 0.2702



57.2018, 0.3126, 0.2843



14.1948, 0.3049, 0.3052



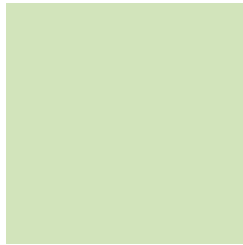
4.8660, 0.1912, 0.0827



0.4138, 0.2075, 0.0917

Previews

White Background



This preview shows how the Yxy color 72.7763, 0.3266, 0.3755 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 72.7763, 0.3266, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

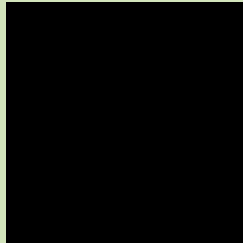
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

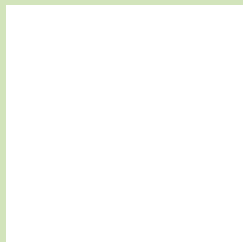
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7763, 0.3266, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 72.7763, 0.3266, 0.3755.

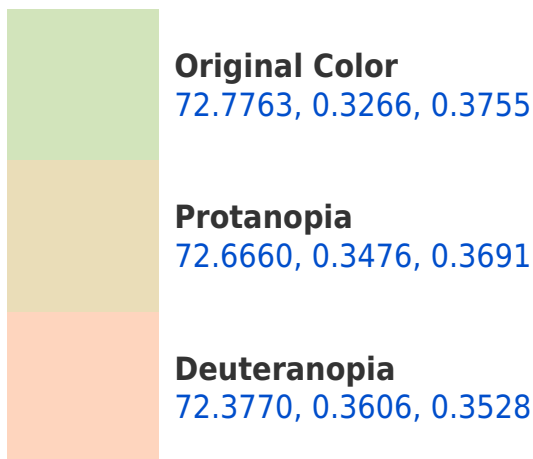


This preview shows how white text looks on a background with the Yxy color 72.7763, 0.3266, 0.3755.

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

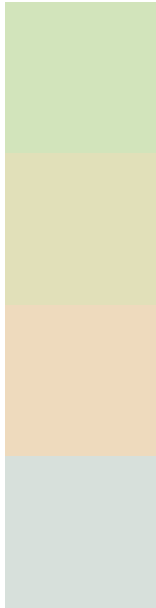




Tritanopia

72.7914, 0.2997, 0.3108

Trichromacy



Original Color

72.7763, 0.3266, 0.3755

Protanomaly

72.8216, 0.3396, 0.3720

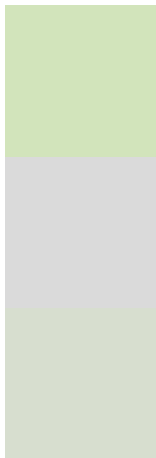
Deuteranomaly

71.9941, 0.3478, 0.3602

Tritanomaly

72.8729, 0.3097, 0.3345

Monochromacy



Original Color

72.7763, 0.3266, 0.3755

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1946, 0.3176, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7763, 0.3266, 0.3755 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(210, 228, 187)` looks like.

```
.text, #text, p{  
    color:rgb(210, 228, 187)  
}
```

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(210, 228, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 228, 187) }
```

Border

The CSS property to change the border of an element to Yxy 72.7763, 0.3266, 0.3755 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(210, 228, 187) }
```

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

```
.border{ border-color:rgb(210, 228, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 228, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 228, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 228, 187);  
box-shadow:4px 4px 4px 4px rgb(210, 228,  
187) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7763, 0.3266, 0.3755$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 228, 187) }
```

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

```
.background{ background-color: rgb(210,  
228, 187) }
```

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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