

Converting Colors

$Yxy(72.5624, 0.3258, 0.3512)$

Have a look what the booklet for
Yxy(72.5624, 0.3258, 0.3512)
contains.

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Color

Yxy(72.6167, 0.3253, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	DEDFCB
RGB	222, 223, 203
RGB Percent	87%, 87%, 80%
CMY	0.1293, 0.1255, 0.2039
CMYK	0.00, 0.00, 0.09, 0.13
HSL	63°, 24%, 84%
HSV	63°, 9%, 87%
XYZ	67.2998, 72.6167, 66.9687
YIQ	220.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

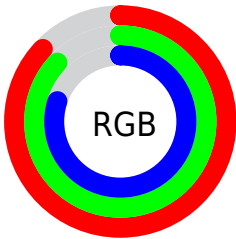
Format	Color
R _Y B	203, 223, 204
Decimal	14606283
CIE Lab	88.26, -3.77, 9.68
CIE LCh	88, 10.387, 111.252
Yxy	72.6167, 0.3253, 0.3510
Android (android.graphics.Color)	4292796363 (0xFFDEDFCB)
YUV	220.4210, -8.5886, 1.3848
Hunter-Lab	85.2154, -8.1548, 13.0562

Details

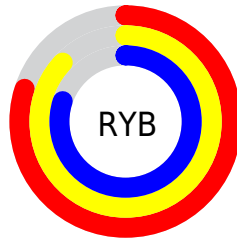
The Yxy color **72.6167, 0.3253, 0.3510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8710, 0.2995, 0.3061**, and the grayscale version is **71.9430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3907, 0.3282, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **71.4641, 0.3396, 0.3763**, and if you desaturate by 10%, it is **73.9296, 0.3113, 0.3265**.

Distribution



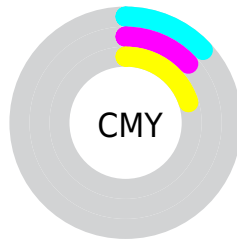
- Red (87%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6167, 0.3253, 0.3510 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 72.6167, 0.3253, 0.3510 by changing the saturation by 10% instead.

■ 72.6167, 0.3253,
0.3510

■ 72.6167, 0.3253,
0.3510

469.6853, 0.3195,
0.3407

■ 53.6626, 0.3266,
0.3534

122.9329, 0.3233,
0.3474

■ 38.3320, 0.3282,
0.3563

155.0638, 0.3225,
0.3460

■ 26.2405, 0.3303,
0.3601

192.3558, 0.3218,
0.3448

■ 17.0036, 0.3329,
0.3650

235.1932, 0.3213,
0.3438

■ 10.2371, 0.3366,
0.3718

283.9605, 0.3207,
0.3429

■ 5.5564, 0.3417,
0.3817

339.0420, 0.3203,

■ 2.5773, 0.3496,

0.3421

0.3974

400.8221, 0.3199,
0.3414

0.9153, 0.3865,
0.4548

0.0000, 0.0000,
0.0000

72.6167, 0.3253,
0.3510

72.6167, 0.3253,
0.3510

71.4641, 0.3396,
0.3763

73.9296, 0.3113,
0.3265

70.4558, 0.3539,
0.4017

75.3995, 0.2979,
0.3033

69.5880, 0.3677,
0.4264

76.0381, 0.2941,
0.2960

68.8533, 0.3803,
0.4495

76.2103, 0.2948,
0.2961

68.2432, 0.3912,
0.4698

76.3835, 0.2955,
0.2961

67.7488, 0.3999,
0.4866

76.5578, 0.2962,
0.2962

67.3595, 0.4061,
0.4991

76.7332, 0.2969,
0.2963

67.0630, 0.4096,
0.5073

76.9097, 0.2976,
0.2963

66.8402, 0.4108,
0.5116

77.0872, 0.2984,
0.2964

Harmonies

Analogous

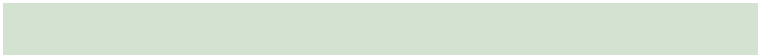
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6167, 0.3343, 0.3480



72.6167, 0.3253, 0.3510



72.6167, 0.3131, 0.3478

Triad

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



72.6167, 0.3253, 0.3510



72.6167, 0.2886, 0.3172



72.6167, 0.3244, 0.3190

Complementary

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



72.6167, 0.3253, 0.3510



60.8710, 0.2995, 0.3061

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.



72.6167, 0.3120, 0.3111



72.6167, 0.3253, 0.3510



72.6167, 0.2915, 0.3099

Square

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



72.6167, 0.3253, 0.3510



72.6167, 0.2920, 0.3280



72.6167, 0.3000, 0.3078



72.6167, 0.3338, 0.3295

Rectangle

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



72.6167, 0.3253, 0.3510



72.6167, 0.3047, 0.3426



72.6167, 0.3000, 0.3078



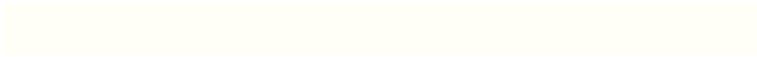
72.6167, 0.3205, 0.3160

Sweetspot

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



72.6199, 0.3253, 0.3510



99.4477, 0.3169, 0.3363



63.0267, 0.3282, 0.3298



21.2550, 0.3180, 0.3383



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.



72.6199, 0.3253, 0.3510



98.0698, 0.3283, 0.3563



71.1305, 0.3183, 0.3515



15.9944, 0.3260, 0.3522



39.3051, 0.4110, 0.5118



2.7348, 0.4124, 0.5108

Inverse Universe

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



60.8710, 0.2995, 0.3061



78.6725, 0.2962, 0.3003



62.2853, 0.3067, 0.3066



13.2744, 0.2988, 0.3048



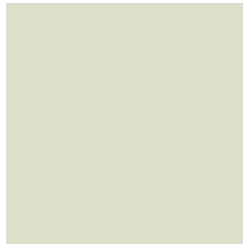
3.1869, 0.1516, 0.0609



0.2321, 0.1561, 0.0633

Previews

White Background



This preview shows how the Yxy color 72.6167, 0.3253, 0.3510 looks on a white background.

Color Contrast Check

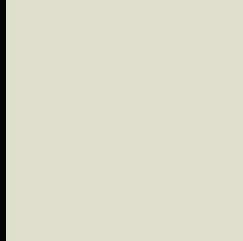
Large Text (above 18pt) WCAG AA × Fail

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 72.6167, 0.3253, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

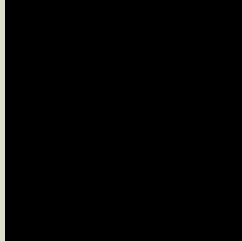
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

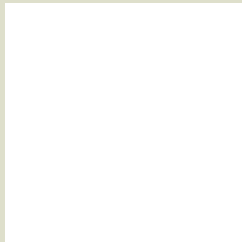
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6167, 0.3253, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 72.6167, 0.3253, 0.3510.



This preview shows how white text looks on a background with the Yxy color 72.6167, 0.3253, 0.3510.

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

72.6167, 0.3253, 0.3510

Protanopia

72.8002, 0.3321, 0.3496

Deuteranopia

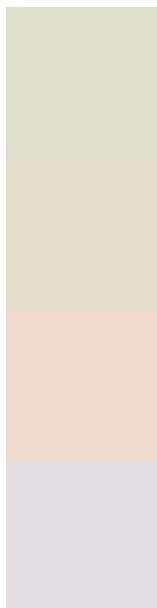
72.6406, 0.3454, 0.3384



Tritanopia

72.4719, 0.3079, 0.3110

Trichromacy



Original Color

72.6167, 0.3253, 0.3510

Protanomaly

72.8377, 0.3297, 0.3508

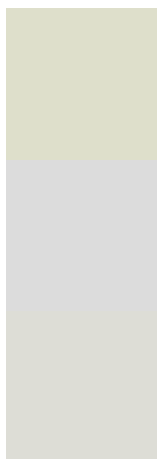
Deuteranomaly

72.3361, 0.3380, 0.3429

Tritanomaly

72.5217, 0.3143, 0.3258

Monochromacy



Original Color

72.6167, 0.3253, 0.3510

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9401, 0.3174, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6167, 0.3253, 0.3510 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(222, 223, 203)` looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 203)  
}
```

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(222, 223, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 203) }
```

Border

The CSS property to change the border of an element to Yxy 72.6167, 0.3253, 0.3510 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(222, 223, 203) }
```

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

```
.border{ border-color:rgb(222, 223, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 223, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6167, 0.3253, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 203) }
```

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

```
.background{ background-color: rgb(222,  
223, 203) }
```

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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