

Converting Colors

$Yxy(70.6721, 0.3248, 0.3458)$

Have a look what the booklet for
Yxy(70.6721, 0.3248, 0.3458)
contains.

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Color

Yxy(70.5523, 0.3250, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	DEDBCC
RGB	222, 219, 204
RGB Percent	87%, 86%, 80%
CMY	0.1295, 0.1411, 0.2000
CMYK	0.00, 0.01, 0.08, 0.13
HSL	50°, 21%, 84%
HSV	50°, 8%, 87%
XYZ	66.3469, 70.5523, 67.2452
YIQ	218.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

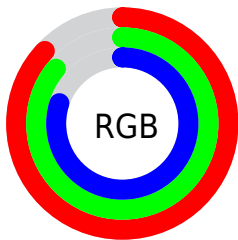
Format	Color
R _Y B	208, 222, 204
Decimal	14605260
CIE Lab	87.27, -1.58, 7.73
CIE LCh	87, 7.887, 101.546
Yxy	70.5523, 0.3250, 0.3456
Android (android.graphics.Color)	4292795340 (0xFFDEDBCC)
YUV	218.1870, -6.9942, 3.3440
Hunter-Lab	83.9954, -5.9971, 11.3303

Details

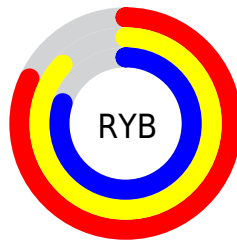
The Yxy color **70.5523, 0.3250, 0.3456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7105, 0.3003, 0.3118**, and the grayscale version is **70.2913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9684, 0.3280, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **67.6829, 0.3411, 0.3668**, and if you desaturate by 10%, it is **73.6214, 0.3099, 0.3252**.

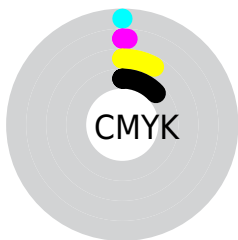
Distribution



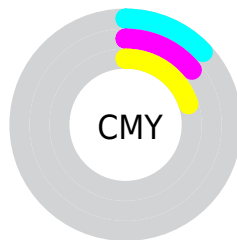
- Red (87%)
- Green (86%)
- Blue (80%)



- Red (82%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5523, 0.3250, 0.3456 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 70.5523, 0.3250, 0.3456 by changing the saturation by 10% instead.

■ 70.5523, 0.3250,
0.3456

■ 70.5523, 0.3250,
0.3456

462.4869, 0.3193,
0.3378

■ 51.9769, 0.3263,
0.3474

119.9960, 0.3230,
0.3429

■ 36.9867, 0.3279,
0.3496

151.6332, 0.3222,
0.3418

■ 25.1972, 0.3300,
0.3525

188.3930, 0.3216,
0.3409

■ 16.2240, 0.3327,
0.3562

230.6600, 0.3210,
0.3402

■ 9.6828, 0.3364,
0.3613

278.8185, 0.3205,
0.3395

■ 5.1892, 0.3418,
0.3689

333.2529, 0.3201,

■ 2.3587, 0.3503,

0.3389

0.3810

394.3475, 0.3197,
0.3383

0.8045, 0.3891,
0.4311

0.0000, 0.0000,
0.0000

70.5523, 0.3250,
0.3456

70.5523, 0.3250,
0.3456

67.6829, 0.3411,
0.3668

73.6214, 0.3099,
0.3252

64.9972, 0.3579,
0.3884

76.8871, 0.2960,
0.3059

62.4913, 0.3751,
0.4095

79.3134, 0.2922,
0.3031

60.1575, 0.3921,
0.4295

81.3639, 0.2923,
0.3070

■ 57.9873, 0.4081,
0.4472

■ 83.4570, 0.2924,
0.3108

■ 55.9717, 0.4226,
0.4616

■ 85.5931, 0.2925,
0.3145

■ 54.1000, 0.4348,
0.4720

■ 87.7725, 0.2926,
0.3183

■ 52.3601, 0.4443,
0.4778

■ 89.9952, 0.2927,
0.3220

■ 50.7346, 0.4509,
0.4792

■ 92.2617, 0.2928,
0.3257

Harmonies

Analogous

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



70.5523, 0.3306, 0.3420



70.5523, 0.3250, 0.3456



70.5523, 0.3162, 0.3447

Triad

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



70.5523, 0.3250, 0.3456



70.5523, 0.2945, 0.3225



70.5523, 0.3188, 0.3190

Complementary

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



70.5523, 0.3250, 0.3456



62.7105, 0.3003, 0.3118

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.



70.5523, 0.3091, 0.3140



70.5523, 0.3250, 0.3456



70.5523, 0.2951, 0.3158

Square

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



70.5523, 0.3250, 0.3456



70.5523, 0.2986, 0.3311



70.5523, 0.3004, 0.3127



70.5523, 0.3270, 0.3267

Rectangle

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



70.5523, 0.3250, 0.3456



70.5523, 0.3097, 0.3415



70.5523, 0.3004, 0.3127



70.5523, 0.3156, 0.3170

Sweetspot

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



70.5554, 0.3250, 0.3456



99.1424, 0.3157, 0.3331



63.2137, 0.3244, 0.3257



21.2296, 0.3156, 0.3329



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.



70.5554, 0.3250, 0.3456



95.8213, 0.3281, 0.3498



71.1807, 0.3203, 0.3491



15.6261, 0.3271, 0.3484



30.1055, 0.4515, 0.4797



2.1902, 0.4457, 0.4843

Inverse Universe

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



62.7105, 0.3003, 0.3118



82.6292, 0.2971, 0.3074



62.1565, 0.3047, 0.3087



13.6052, 0.2981, 0.3088



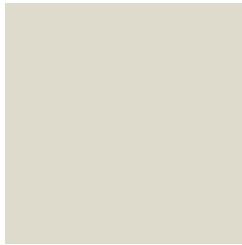
4.0067, 0.1541, 0.0747



0.3899, 0.1611, 0.0998

Previews

White Background



This preview shows how the Yxy color 70.5523, 0.3250, 0.3456 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 70.5523, 0.3250, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

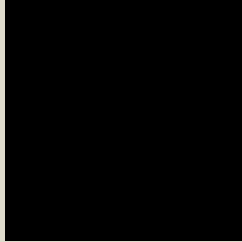
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

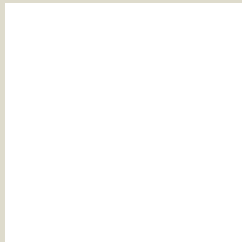
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5523, 0.3250, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 70.5523, 0.3250, 0.3456.

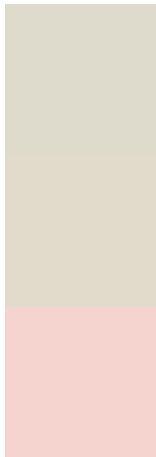


This preview shows how white text looks on a background with the Yxy color 70.5523, 0.3250, 0.3456.

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

70.5523, 0.3250, 0.3456

Protanopia

70.6234, 0.3288, 0.3455

Deuteranopia

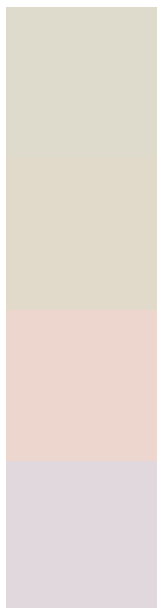
70.4572, 0.3421, 0.3343



Tritanopia

70.5958, 0.3093, 0.3109

Trichromacy



Original Color

70.5523, 0.3250, 0.3456

Protanomaly

70.4622, 0.3281, 0.3455

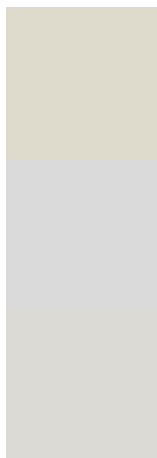
Deuteranomaly

70.5054, 0.3362, 0.3387

Tritanomaly

70.3932, 0.3152, 0.3225

Monochromacy



Original Color

70.5523, 0.3250, 0.3456

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0070, 0.3168, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5523, 0.3250, 0.3456 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, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 204)  
}
```

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, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 204) }
```

Border

The CSS property to change the border of an element to Yxy 70.5523, 0.3250, 0.3456 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, 219, 204) }
```

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

```
.border{ border-color:rgb(222, 219, 204) }
```

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

Here you see how a box with a 4 pixel rgb(222, 219, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5523, 0.3250, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 204) }
```

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

```
.background{ background-color: rgb(222,  
219, 204) }
```

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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