

Converting Colors

$Yxy(65.7023, 0.3309, 0.3556)$

Have a look what the booklet for
Yxy(65.7023, 0.3309, 0.3556)
contains.

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Color

Yxy(65.7533, 0.3302, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	D7D5BE
RGB	215, 213, 190
RGB Percent	84%, 84%, 75%
CMY	0.1570, 0.1647, 0.2548
CMYK	0.00, 0.01, 0.12, 0.16
HSL	55°, 24%, 79%
HSV	55°, 12%, 84%
XYZ	61.1082, 65.7533, 58.2027
YIQ	210.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

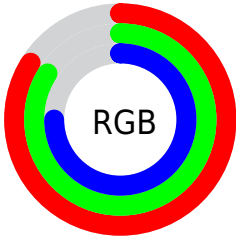
Format	Color
RYB	192, 215, 190
Decimal	14144958
CIELab	84.87, -3.24, 11.60
CIElCh	85, 12.045, 105.623
Yxy	65.7533, 0.3302, 0.3553
Android (android.graphics.Color)	4292335038 (0xFFD7D5BE)
YUV	210.9760, -10.3412, 3.5290
Hunter-Lab	81.0884, -7.3872, 14.2054

Details

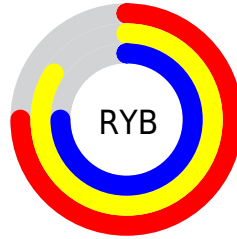
The Yxy color **65.7533, 0.3302, 0.3553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5487, 0.2945, 0.3013**, and the grayscale version is **65.1901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **33.7334, 0.3341, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **64.0407, 0.3459, 0.3786**, and if you desaturate by 10%, it is **67.6191, 0.3151, 0.3326**.

Distribution



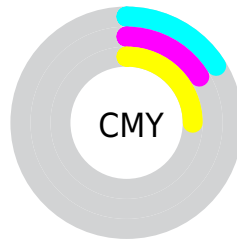
- Red (84%)
- Green (84%)
- Blue (75%)



- Red (75%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7533, 0.3302, 0.3553 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 65.7533, 0.3302, 0.3553 by changing the saturation by 10% instead.

 65.7533, 0.3302,
0.3553

 65.7533, 0.3302,
0.3553

445.4941, 0.3220,
0.3428

 48.0722, 0.3321,
0.3582


 113.1322, 0.3273,
0.3509

 33.8840, 0.3345,
0.3619

143.5987, 0.3262,
0.3492

 22.8045, 0.3375,
0.3666


179.0958, 0.3253,
0.3478

 14.4492, 0.3414,
0.3729

220.0079, 0.3244,
0.3465

 8.4338, 0.3469,
0.3816

266.7194, 0.3237,
0.3454

 4.3737, 0.3548,
0.3947

319.6147, 0.3231,

 1.8848, 0.3672,

0.3445

0.4161

379.0781, 0.3225,
0.3436

0.5392, 0.4456,
0.5544

0.0000, 0.0000,
0.0000

65.7533, 0.3302,
0.3553

65.7533, 0.3302,
0.3553

64.0407, 0.3459,
0.3786

67.6191, 0.3151,
0.3326

62.4666, 0.3619,
0.4019

69.6352, 0.3008,
0.3109

61.0274, 0.3775,
0.4243

71.8099, 0.2875,
0.2905

59.7160, 0.3923,
0.4449


72.7197, 0.2873,
0.2918


 58.5246, 0.4055,
0.4626

 73.6075, 0.2874,
0.2937

 57.4447, 0.4165,
0.4767

 74.5043, 0.2875,
0.2955


 56.4662, 0.4250,
0.4865

 75.4101, 0.2875,
0.2973

 55.5773, 0.4308,
0.4919

 76.3248, 0.2876,
0.2991

 54.8827, 0.4339,
0.4937

 77.2486, 0.2877,
0.3009

Harmonies

Analogous

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



65.7533, 0.3399, 0.3504



65.7533, 0.3302, 0.3553



65.7533, 0.3159, 0.3529

Triad

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



65.7533, 0.3302, 0.3553



65.7533, 0.2841, 0.3170



65.7533, 0.3241, 0.3150

Complementary

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



65.7533, 0.3302, 0.3553



53.5487, 0.2945, 0.3013

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.



65.7533, 0.3089, 0.3065



65.7533, 0.3302, 0.3553



65.7533, 0.2861, 0.3073

Square

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



65.7533, 0.3302, 0.3553



65.7533, 0.2895, 0.3303



65.7533, 0.2951, 0.3036



65.7533, 0.3364, 0.3271

Rectangle

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



65.7533, 0.3302, 0.3553



65.7533, 0.3058, 0.3474



65.7533, 0.2951, 0.3036



65.7533, 0.3192, 0.3116

Sweetspot

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



65.7562, 0.3302, 0.3553



99.1350, 0.3172, 0.3357



55.0930, 0.3318, 0.3266



21.1702, 0.3184, 0.3376



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.



65.7562, 0.3302, 0.3553



96.1375, 0.3341, 0.3612



65.2227, 0.3221, 0.3582



14.3455, 0.3268, 0.3503



32.9094, 0.4336, 0.4939



2.0355, 0.4309, 0.4961

Inverse Universe

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



53.5487, 0.2945, 0.3013



74.6217, 0.2902, 0.2946



54.0822, 0.3025, 0.2996



12.1635, 0.2981, 0.3068



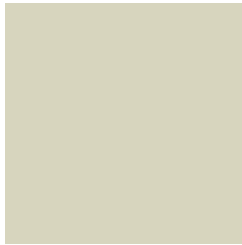
3.2326, 0.1515, 0.0654



0.2508, 0.1560, 0.0816

Previews

White Background



This preview shows how the Yxy color 65.7533, 0.3302, 0.3553 looks on a white background.

Color Contrast Check

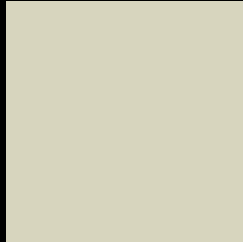
Large Text (above 18pt) WCAG AA × Fail

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 65.7533, 0.3302, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

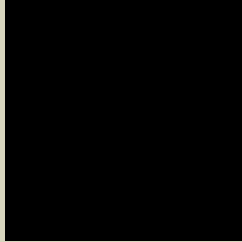
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

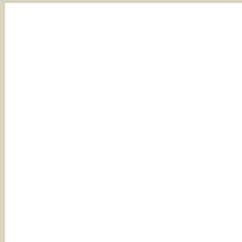
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7533, 0.3302, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 65.7533, 0.3302, 0.3553.



This preview shows how white text looks on a background with the Yxy color 65.7533, 0.3302, 0.3553.

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

65.7533, 0.3302, 0.3553

Protanopia

65.6348, 0.3359, 0.3539

Deuteranopia

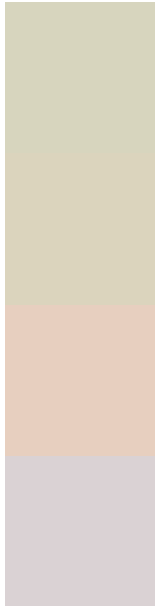
65.5168, 0.3500, 0.3421



Tritanopia

65.7092, 0.3106, 0.3114

Trichromacy



Original Color

65.7533, 0.3302, 0.3553

Protanomaly

65.8212, 0.3342, 0.3551

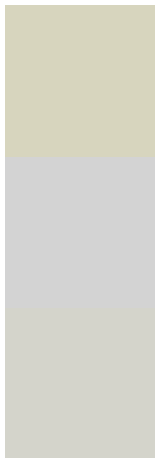
Deuteranomaly

65.3762, 0.3430, 0.3467

Tritanomaly

65.7521, 0.3173, 0.3268

Monochromacy



Original Color

65.7533, 0.3302, 0.3553

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3958, 0.3189, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7533, 0.3302, 0.3553 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(215, 213, 190)` looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 190)  
}
```

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(215, 213, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 190) }
```

Border

The CSS property to change the border of an element to Yxy 65.7533, 0.3302, 0.3553 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(215, 213, 190) }
```

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

```
.border{ border-color:rgb(215, 213, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 190);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7533, 0.3302, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 190) }
```

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

```
.background{ background-color: rgb(215,  
213, 190) }
```

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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