

Converting Colors

$Yxy(67.0469, 0.3253, 0.3585)$

Have a look what the booklet for
Yxy(67.0469, 0.3253, 0.3585)
contains.

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Color

Yxy(67.0889, 0.3252, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	D2D9BF
RGB	210, 217, 191
RGB Percent	82%, 85%, 75%
CMY	0.1766, 0.1490, 0.2509
CMYK	0.03, 0.00, 0.12, 0.15
HSL	76°, 25%, 80%
HSV	76°, 12%, 85%
XYZ	60.7894, 67.0889, 59.0509
YIQ	211.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

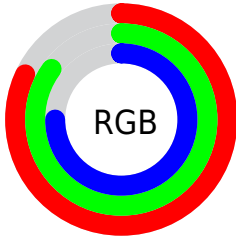
Format	Color
RYB	191, 217, 198
Decimal	13818303
CIELab	85.55, -6.92, 11.98
CIELCh	86, 13.839, 120.001
Yxy	67.0889, 0.3252, 0.3589
Android (android.graphics.Color)	4292008383 (0xFFD2D9BF)
YUV	211.9430, -10.3249, -1.7040
Hunter-Lab	81.9078, -10.8616, 14.5907

Details

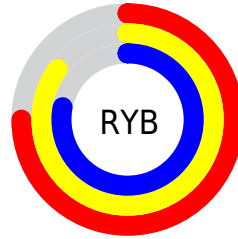
The Yxy color **67.0889, 0.3252, 0.3589** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3009, 0.2992, 0.2983**, and the grayscale version is **65.8655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **34.6442, 0.3274, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **65.3575, 0.3357, 0.3854**, and if you desaturate by 10%, it is **68.9995, 0.3148, 0.3338**.

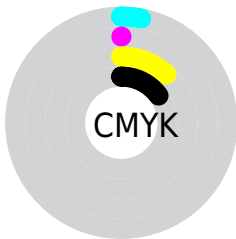
Distribution



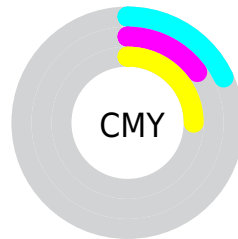
- Red (82%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (18%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0889, 0.3252, 0.3589 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 67.0889, 0.3252, 0.3589 by changing the saturation by 10% instead.

 67.0889, 0.3252,
0.3589

 67.0889, 0.3252,
0.3589

450.2611, 0.3194,
0.3447

 49.1569, 0.3265,
0.3623

 115.0478, 0.3232,
0.3539

 34.7439, 0.3281,
0.3664


145.8434, 0.3224,
0.3520

 23.4657, 0.3302,
0.3719


181.6958, 0.3218,
0.3503

 14.9378, 0.3328,
0.3791

222.9891, 0.3212,
0.3489

 8.7757, 0.3364,
0.3892

270.1080, 0.3207,
0.3476

 4.5952, 0.3415,
0.4043

323.4367, 0.3202,

 2.0118, 0.3490,

0.3465

0.4294

383.3596, 0.3198,
0.3455

0.6143, 0.4032,
0.5968

0.0000, 0.0000,
0.0000

67.0889, 0.3252,
0.3589

67.0889, 0.3252,
0.3589

65.3575, 0.3357,
0.3854

68.9995, 0.3148,
0.3338

63.7901, 0.3458,
0.4126


71.0867, 0.3046,
0.3103

62.3825, 0.3552,
0.4397


73.2861, 0.2956,
0.2898


61.1272, 0.3633,
0.4657


74.2636, 0.2996,
0.2903

 60.0158, 0.3695,
0.4895


 75.2742, 0.3036,
0.2908


 59.0392, 0.3735,
0.5099


 76.3183, 0.3077,
0.2913

 58.1867, 0.3750,
0.5259

 77.3960, 0.3118,
0.2917

 57.4458, 0.3739,
0.5370

 78.1128, 0.3145,
0.2920

 56.9149, 0.3716,
0.5431

Harmonies

Analogous

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



67.0889, 0.3393, 0.3570



67.0889, 0.3252, 0.3589



67.0889, 0.3080, 0.3522

Triad

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



67.0889, 0.3252, 0.3589



67.0889, 0.2802, 0.3092



67.0889, 0.3331, 0.3193

Complementary

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



67.0889, 0.3252, 0.3589



54.3009, 0.2992, 0.2983

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.



67.0889, 0.3168, 0.3073



67.0889, 0.3252, 0.3589



67.0889, 0.2864, 0.3013

Square

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



67.0889, 0.3252, 0.3589



67.0889, 0.2823, 0.3228



67.0889, 0.2997, 0.3008



67.0889, 0.3441, 0.3338

Rectangle

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



67.0889, 0.3252, 0.3589



67.0889, 0.2972, 0.3438



67.0889, 0.2997, 0.3008



67.0889, 0.3281, 0.3148

Sweetspot

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



67.0918, 0.3252, 0.3589



98.8392, 0.3169, 0.3388



58.8854, 0.3332, 0.3371



21.1099, 0.3177, 0.3407



0.0000, 0.0000, 0.0000



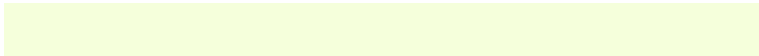
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0918, 0.3252, 0.3589



96.1191, 0.3275, 0.3645



65.2783, 0.3157, 0.3598



15.0770, 0.3225, 0.3524



34.5030, 0.3723, 0.5426



2.2769, 0.3803, 0.5363

Inverse Universe

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



54.3009, 0.2992, 0.2983



74.6956, 0.2966, 0.2924



56.1259, 0.3093, 0.2992



12.7873, 0.3023, 0.3051



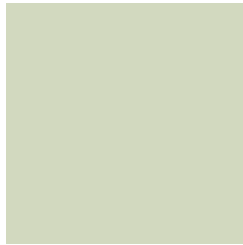
3.6382, 0.1672, 0.0695



0.2779, 0.1844, 0.0789

Previews

White Background



This preview shows how the Yxy color 67.0889, 0.3252, 0.3589 looks on a white background.

Color Contrast Check

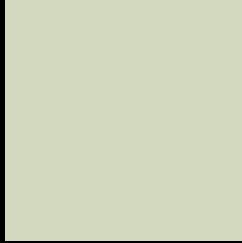
Large Text (above 18pt) WCAG AA × Fail

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 67.0889, 0.3252, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

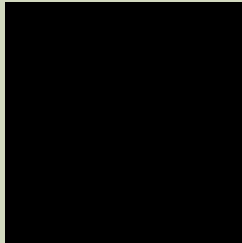
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

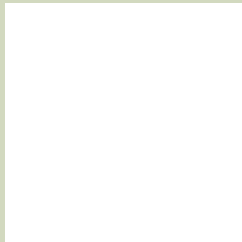
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0889, 0.3252, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 67.0889, 0.3252, 0.3589.



This preview shows how white text looks on a background with the Yxy color 67.0889, 0.3252, 0.3589.

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

67.0889, 0.3252, 0.3589

Protanopia

66.9506, 0.3371, 0.3560

Deuteranopia

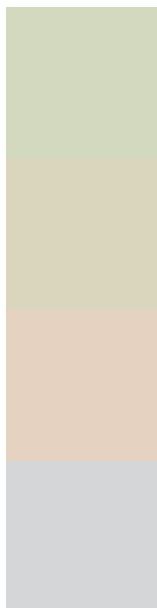
66.8701, 0.3504, 0.3430



Tritanopia

67.1355, 0.3041, 0.3114

Trichromacy



Original Color

67.0889, 0.3252, 0.3589

Protanomaly

66.7163, 0.3324, 0.3562

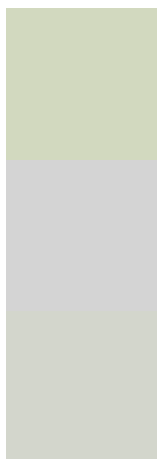
Deuteranomaly

66.7220, 0.3409, 0.3489

Tritanomaly

67.1456, 0.3113, 0.3279

Monochromacy



Original Color

67.0889, 0.3252, 0.3589

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3017, 0.3173, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0889, 0.3252, 0.3589 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, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 191)  
}
```

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, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 67.0889, 0.3252, 0.3589 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, 217, 191) }
```

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

```
.border{ border-color:rgb(210, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0889, 0.3252, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 191) }
```

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

```
.background{ background-color: rgb(210,  
217, 191) }
```

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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