

Converting Colors

$Yxy(66.8969, 0.3354, 0.3674)$

Have a look what the booklet for
Yxy(66.8969, 0.3354, 0.3674)
contains.

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Color

Yxy(66.9362, 0.3354, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	D7D8B6
RGB	215, 216, 182
RGB Percent	84%, 85%, 71%
CMY	0.1569, 0.1529, 0.2861
CMYK	0.00, 0.00, 0.16, 0.15
HSL	62°, 30%, 78%
HSV	62°, 16%, 85%
XYZ	61.0231, 66.9362, 53.9820
YIQ	211.8250, 10.3180, -10.7860

Conversions

Conversions Part 2

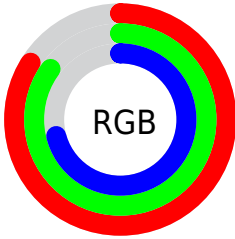
Format	Color
RYB	182, 216, 183
Decimal	14145718
CIELab	85.47, -6.04, 16.66
CIELCh	85, 17.719, 109.916
Yxy	66.9362, 0.3354, 0.3679
Android (android.graphics.Color)	4292335798 (0xFFD7D8B6)
YUV	211.8250, -14.7037, 2.7845
Hunter-Lab	81.8145, -10.0375, 18.1501

Details

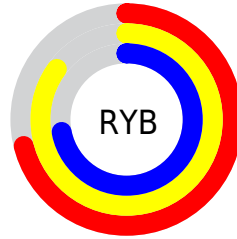
The Yxy color **66.9362, 0.3354, 0.3679** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.5073, 0.2881, 0.2871**, and the grayscale version is **65.8122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **34.5483, 0.3409, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **66.0151, 0.3500, 0.3932**, and if you desaturate by 10%, it is **68.0014, 0.3209, 0.3429**.

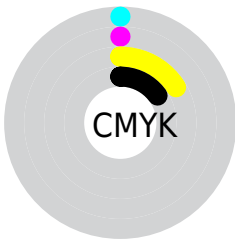
Distribution



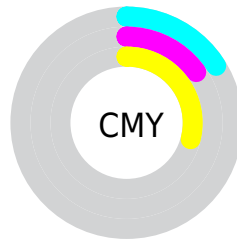
- Red (84%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)




- Cyan (16%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9362, 0.3354, 0.3679 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 66.9362, 0.3354, 0.3679 by changing the saturation by 10% instead.

 66.9362, 0.3354,
0.3679

 66.9362, 0.3354,
0.3679


449.7176, 0.3249,
0.3494

 49.0328, 0.3378,
0.3722


 114.8290, 0.3317,
0.3614

 34.6455, 0.3408,
0.3777


145.5871, 0.3303,
0.3589

 23.3899, 0.3445,
0.3846


181.3990, 0.3291,
0.3567

 14.8817, 0.3494,
0.3939

222.6490, 0.3280,
0.3549

 8.7364, 0.3559,
0.4067

269.7214, 0.3271,
0.3533

 4.5696, 0.3650,
0.4258

323.0007, 0.3263,

 1.9970, 0.3804,

0.3518

0.4588

382.8714, 0.3255,
0.3506

0.6058, 0.4143,
0.5857

0.0000, 0.0000,
0.0000

66.9362, 0.3354,
0.3679

66.9362, 0.3354,
0.3679

66.0151, 0.3500,
0.3932

68.0014, 0.3209,
0.3429

65.2228, 0.3643,
0.4180

69.2077, 0.3068,
0.3189

64.5557, 0.3777,
0.4414

70.5636, 0.2934,
0.2961

64.0063, 0.3895,
0.4624

71.1779, 0.2889,
0.2880

63.5664, 0.3993,
0.4801

71.2783, 0.2893,
0.2880

63.2268, 0.4066,
0.4937

71.3792, 0.2897,
0.2881

62.9769, 0.4113,
0.5030

71.4804, 0.2902,
0.2881

62.8033, 0.4135,
0.5080

71.5821, 0.2906,
0.2882

62.7422, 0.4140,
0.5095

71.6841, 0.2910,
0.2882

Harmonies

Analogous

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



66.9362, 0.3511, 0.3616



66.9362, 0.3354, 0.3679



66.9362, 0.3140, 0.3631

Triad

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



66.9362, 0.3354, 0.3679



66.9362, 0.2710, 0.3086



66.9362, 0.3323, 0.3109

Complementary

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



66.9362, 0.3354, 0.3679



48.5073, 0.2881, 0.2871

Split Complementary

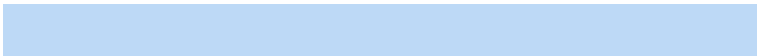
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.9362, 0.3102, 0.2978



66.9362, 0.3354, 0.3679



66.9362, 0.2754, 0.2960

Square

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



66.9362, 0.3354, 0.3679



66.9362, 0.2772, 0.3277



66.9362, 0.2895, 0.2923



66.9362, 0.3494, 0.3286

Rectangle

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



66.9362, 0.3354, 0.3679



66.9362, 0.2995, 0.3540



66.9362, 0.2895, 0.2923



66.9362, 0.3252, 0.3059

Sweetspot

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



66.9392, 0.3354, 0.3679



99.1329, 0.3199, 0.3413



51.6851, 0.3421, 0.3298



21.1934, 0.3209, 0.3430



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.



66.9392, 0.3354, 0.3679



96.9867, 0.3405, 0.3766



64.5630, 0.3228, 0.3695



14.5000, 0.3262, 0.3521



37.1431, 0.4141, 0.5094



2.2464, 0.4151, 0.5086

Inverse Universe

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



48.5073, 0.2881, 0.2871



65.0396, 0.2820, 0.2768



50.6549, 0.3012, 0.2887



12.0264, 0.2986, 0.3049



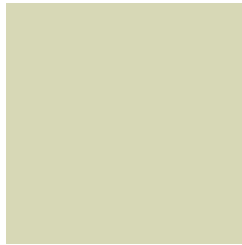
2.9678, 0.1510, 0.0606



0.1854, 0.1542, 0.0623

Previews

White Background



This preview shows how the Yxy color 66.9362, 0.3354, 0.3679 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 66.9362, 0.3354, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

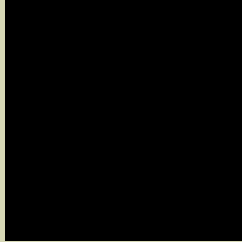
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

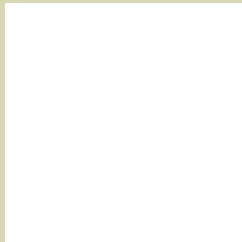
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9362, 0.3354, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 66.9362, 0.3354, 0.3679.



This preview shows how white text looks on a background with the Yxy color 66.9362, 0.3354, 0.3679.

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

66.9362, 0.3354, 0.3679

Protanopia

66.9322, 0.3445, 0.3649

Deuteranopia

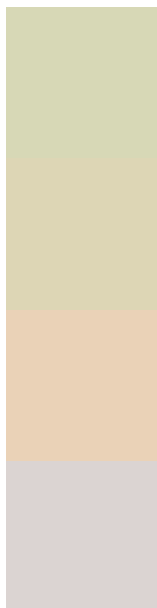
67.0158, 0.3598, 0.3526



Tritanopia

66.9563, 0.3099, 0.3115

Trichromacy



Original Color

66.9362, 0.3354, 0.3679

Protanomaly

66.8015, 0.3412, 0.3664

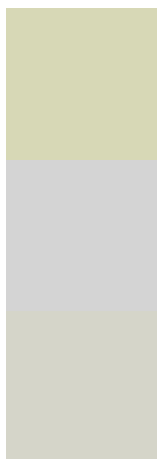
Deuteranomaly

67.0045, 0.3508, 0.3587

Tritanomaly

66.8002, 0.3193, 0.3312

Monochromacy



Original Color

66.9362, 0.3354, 0.3679

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9517, 0.3210, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9362, 0.3354, 0.3679 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, 216, 182)` looks like.

```
.text, #text, p{  
    color:rgb(215, 216, 182)  
}
```

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, 216, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 216, 182) }
```

Border

The CSS property to change the border of an element to Yxy 66.9362, 0.3354, 0.3679 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, 216, 182) }
```

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

```
.border{ border-color:rgb(215, 216, 182) }
```

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

Here you see how a box with a 4 pixel rgb(215, 216, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 216, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 216, 182);  
box-shadow:4px 4px 4px 4px rgb(215, 216,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9362, 0.3354, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 216, 182) }
```

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

```
.background{ background-color: rgb(215,  
216, 182) }
```

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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