

Converting Colors

$Yxy(61.7864, 0.3424, 0.3736)$

Have a look what the booklet for
Yxy(61.7864, 0.3424, 0.3736)
contains.

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Color

Yxy(61.8629, 0.3424, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	D3D0AA
RGB	211, 208, 170
RGB Percent	83%, 82%, 67%
CMY	0.1725, 0.1843, 0.3332
CMYK	0.00, 0.01, 0.19, 0.17
HSL	56°, 32%, 75%
HSV	56°, 19%, 83%
XYZ	56.6814, 61.8629, 46.9973
YIQ	204.5650, 13.9860, -11.1820

Conversions

Conversions Part 2

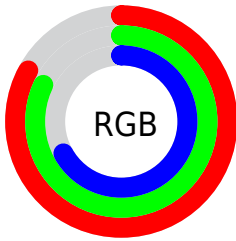
Format	Color
RYB	173, 211, 170
Decimal	13881514
CIELab	82.84, -5.18, 19.27
CIELCh	83, 19.950, 105.039
Yxy	61.8629, 0.3424, 0.3737
Android (android.graphics.Color)	4292071594 (0xFFD3D0AA)
YUV	204.5650, -17.0405, 5.6435
Hunter-Lab	78.6530, -9.0063, 19.6297

Details

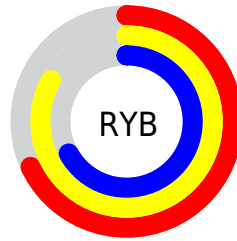
The Yxy color **61.8629, 0.3424, 0.3737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1598, 0.2809, 0.2800**, and the grayscale version is **60.8674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **31.4871, 0.3491, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **60.3752, 0.3583, 0.3971**, and if you desaturate by 10%, it is **63.4917, 0.3268, 0.3504**.

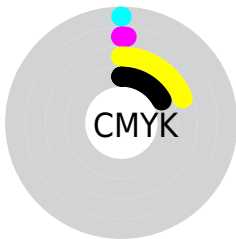
Distribution



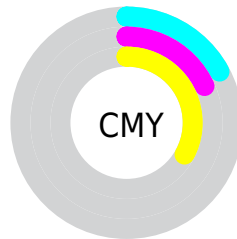
- Red (83%)
- Green (82%)
- Blue (67%)



- Red (68%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (17%)





- Cyan (17%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8629, 0.3424, 0.3737 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 61.8629, 0.3424, 0.3737 by changing the saturation by 10% instead.


 61.8629, 0.3424,
0.3737

 61.8629, 0.3424,
0.3737


431.4308, 0.3284,
0.3522

 44.9219, 0.3456,
0.3788


 107.5274, 0.3375,
0.3661

 31.3959, 0.3496,
0.3852


137.0196, 0.3356,
0.3632

 20.9005, 0.3547,
0.3935


171.4645, 0.3340,
0.3607

 13.0513, 0.3614,
0.4045

211.2463, 0.3326,
0.3585

 7.4639, 0.3704,
0.4199

256.7494, 0.3314,
0.3566

 3.7539, 0.3830,
0.4428

308.3583, 0.3303,

 1.5369, 0.4253,

0.3550

0.5083

366.4573, 0.3293,
0.3535

0.3145, 0.3543,
0.6457

0.0000, 0.0000,
0.0000

61.8629, 0.3424,
0.3737

61.8629, 0.3424,
0.3737

60.3752, 0.3583,
0.3971

63.4917, 0.3268,
0.3504

59.0143, 0.3739,
0.4199

65.2591, 0.3119,
0.3277

57.7763, 0.3888,
0.4410

67.1732, 0.2978,
0.3062

56.6540, 0.4023,
0.4595

69.2391, 0.2848,
0.2861

■ 55.6392, 0.4137,
0.4745

■ 70.0673, 0.2845,
0.2872

■ 54.7228, 0.4227,
0.4853

■ 70.8669, 0.2846,
0.2889

■ 53.8940, 0.4289,
0.4917

■ 71.6740, 0.2847,
0.2906

■ 53.1344, 0.4327,
0.4943

■ 72.4887, 0.2848,
0.2923

■ 53.0915, 0.4329,
0.4944

■ 73.3110, 0.2849,
0.2940

Harmonies

Analogous

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



61.8629, 0.3590, 0.3643



61.8629, 0.3424, 0.3737



61.8629, 0.3182, 0.3704

Triad

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



61.8629, 0.3424, 0.3737



61.8629, 0.2651, 0.3085



61.8629, 0.3313, 0.3053

Complementary

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



61.8629, 0.3424, 0.3737



43.1598, 0.2809, 0.2800

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.



61.8629, 0.3056, 0.2915



61.8629, 0.3424, 0.3737



61.8629, 0.2681, 0.2926

Square

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



61.8629, 0.3424, 0.3737



61.8629, 0.2741, 0.3313



61.8629, 0.2826, 0.2868



61.8629, 0.3526, 0.3249

Rectangle

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



61.8629, 0.3424, 0.3737



61.8629, 0.3013, 0.3610



61.8629, 0.2826, 0.2868



61.8629, 0.3229, 0.2998

Sweetspot

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



61.8657, 0.3424, 0.3737



98.3361, 0.3217, 0.3427



45.6465, 0.3476, 0.3249



21.0103, 0.3227, 0.3442



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.



61.8657, 0.3424, 0.3737



94.0546, 0.3485, 0.3827



60.9625, 0.3283, 0.3792



13.6422, 0.3268, 0.3503



32.1001, 0.4327, 0.4946



1.8404, 0.4300, 0.4968

Inverse Universe

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



43.1598, 0.2809, 0.2800



60.6234, 0.2738, 0.2690



44.0430, 0.2946, 0.2781



11.5556, 0.2982, 0.3068



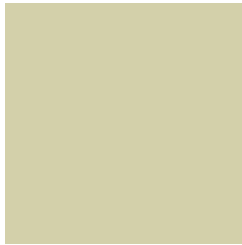
3.1112, 0.1514, 0.0651



0.2240, 0.1559, 0.0813

Previews

White Background



This preview shows how the Yxy color 61.8629, 0.3424, 0.3737 looks on a white background.

Color Contrast Check

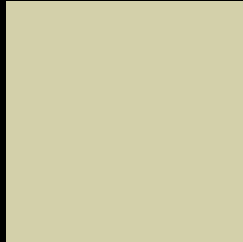
Large Text (above 18pt) WCAG AA × Fail

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 61.8629, 0.3424, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

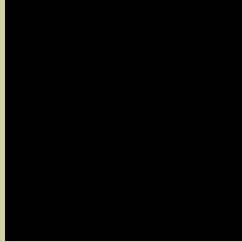
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

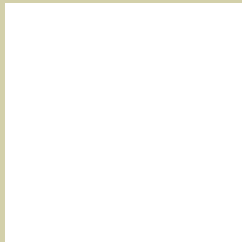
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8629, 0.3424, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 61.8629, 0.3424, 0.3737.



This preview shows how white text looks on a background with the Yxy color 61.8629, 0.3424, 0.3737.

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

61.8629, 0.3424, 0.3737

Protanopia

61.9126, 0.3493, 0.3719

Deuteranopia

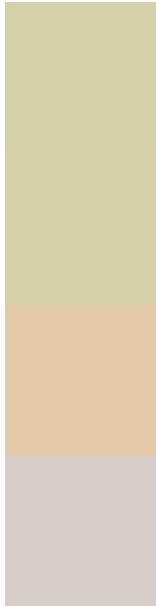
61.5439, 0.3656, 0.3577



Tritanopia

61.5348, 0.3136, 0.3111

Trichromacy



Original Color

61.8629, 0.3424, 0.3737

Protanomaly

61.9373, 0.3466, 0.3733

Deuteranomaly

61.6753, 0.3570, 0.3641

Tritanomaly

61.8029, 0.3241, 0.3336

Monochromacy



Original Color

61.8629, 0.3424, 0.3737

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2138, 0.3235, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8629, 0.3424, 0.3737 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(211, 208, 170)` looks like.

```
.text, #text, p{  
    color:rgb(211, 208, 170)  
}
```

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(211, 208, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 208, 170) }
```

Border

The CSS property to change the border of an element to Yxy 61.8629, 0.3424, 0.3737 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(211, 208, 170) }
```

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

```
.border{ border-color:rgb(211, 208, 170) }
```

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

Here you see how a box with a 4 pixel rgb(211, 208, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 208, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 208, 170);  
box-shadow:4px 4px 4px 4px rgb(211, 208,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8629, 0.3424, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 208, 170) }
```

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

```
.background{ background-color: rgb(211,  
208, 170) }
```

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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