

Converting Colors

Yxy(61.2406, 0.3265, 0.3482)

Have a look what the booklet for
Yxy(61.2406, 0.3265, 0.3482)
contains.

Yxy(61.3720, 0.3272, 0.3489)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.3720, 0.3272, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	D1CEBD
RGB	209, 206, 189
RGB Percent	82%, 81%, 74%
CMY	0.1804, 0.1922, 0.2587
CMYK	0.00, 0.01, 0.10, 0.18
HSL	51°, 18%, 78%
HSV	51°, 10%, 82%
XYZ	57.5549, 61.3720, 56.9745
YIQ	204.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

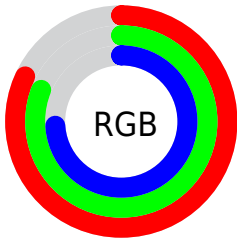
Format	Color
R _Y B	193, 209, 189
Decimal	13749949
CIE Lab	82.58, -1.90, 8.80
CIE LCh	83, 9.000, 102.160
Yxy	61.3720, 0.3272, 0.3489
Android (android.graphics.Color)	4291940029 (0xFFD1CEBD)
YUV	204.9590, -7.8678, 3.5440
Hunter-Lab	78.3403, -5.9553, 11.7184

Details

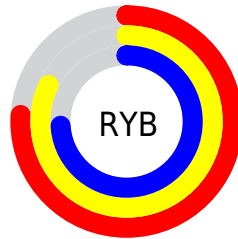
The Yxy color **61.3720, 0.3272, 0.3489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1430, 0.2980, 0.3083**, and the grayscale version is **61.0736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **31.2026, 0.3311, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **59.0319, 0.3433, 0.3704**, and if you desaturate by 10%, it is **63.8786, 0.3121, 0.3281**.

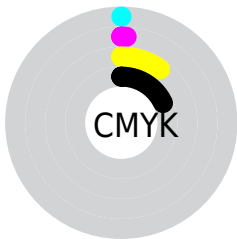
Distribution



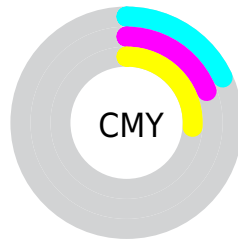
- Red (82%)
- Green (81%)
- Blue (74%)



- Red (76%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3720, 0.3272, 0.3489 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 61.3720, 0.3272, 0.3489 by changing the saturation by 10% instead.

■ 61.3720, 0.3272,
0.3489

■ 61.3720, 0.3272,
0.3489

429.6367, 0.3203,
0.3394

■ 44.5255, 0.3288,
0.3512

■ 106.8174, 0.3248,
0.3455

■ 31.0838, 0.3309,
0.3540

136.1850, 0.3238,
0.3442

■ 20.6627, 0.3335,
0.3577

170.4951, 0.3230,
0.3431

■ 12.8777, 0.3370,
0.3626

210.1321, 0.3223,
0.3422

■ 7.3444, 0.3419,
0.3696

255.4803, 0.3217,
0.3413

■ 3.6784, 0.3492,
0.3803

306.9242, 0.3212,

■ 1.4953, 0.3615,

0.3406

0.3984

364.8482, 0.3207,
0.3400

0.2854, 0.4408,
0.5592

0.0000, 0.0000,
0.0000

61.3720, 0.3272,
0.3489

61.3720, 0.3272,
0.3489

59.0319, 0.3433,
0.3704

63.8786, 0.3121,
0.3281

56.8445, 0.3599,
0.3922

66.5490, 0.2980,
0.3084

54.8063, 0.3768,
0.4135

69.3911, 0.2852,
0.2900

52.9107, 0.3934,
0.4333

71.2213, 0.2834,
0.2901

■ 51.1505, 0.4088,
0.4508

■ 72.8738, 0.2836,
0.2936

■ 49.5176, 0.4226,
0.4649

■ 74.5576, 0.2838,
0.2970

■ 48.0029, 0.4340,
0.4749

■ 76.2727, 0.2840,
0.3004

■ 46.5956, 0.4425,
0.4803

■ 78.0192, 0.2841,
0.3038

■ 45.2771, 0.4486,
0.4818

■ 79.7974, 0.2843,
0.3072

Harmonies

Analogous

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



61.3720, 0.3340, 0.3447



61.3720, 0.3272, 0.3489



61.3720, 0.3166, 0.3477

Triad

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



61.3720, 0.3272, 0.3489



61.3720, 0.2909, 0.3210



61.3720, 0.3202, 0.3173

Complementary

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



61.3720, 0.3272, 0.3489



53.1430, 0.2980, 0.3083

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.



61.3720, 0.3085, 0.3112



61.3720, 0.3272, 0.3489



61.3720, 0.2918, 0.3131

Square

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



61.3720, 0.3272, 0.3489



61.3720, 0.2957, 0.3313



61.3720, 0.2982, 0.3096



61.3720, 0.3299, 0.3264

Rectangle

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



61.3720, 0.3272, 0.3489



61.3720, 0.3088, 0.3439



61.3720, 0.2982, 0.3096



61.3720, 0.3163, 0.3148

Sweetspot

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



61.3747, 0.3272, 0.3489



98.7847, 0.3172, 0.3352



53.7874, 0.3267, 0.3251



21.0753, 0.3184, 0.3369



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.



61.3747, 0.3272, 0.3489



95.6596, 0.3297, 0.3522



61.8848, 0.3217, 0.3527



13.4818, 0.3270, 0.3486



27.9946, 0.4484, 0.4822



1.6495, 0.4422, 0.4871

Inverse Universe

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



53.1430, 0.2980, 0.3083



80.7904, 0.2954, 0.3046



52.7074, 0.3032, 0.3049



11.7007, 0.2982, 0.3086



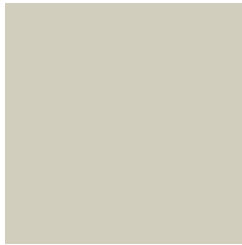
3.5477, 0.1537, 0.0732



0.2920, 0.1616, 0.1018

Previews

White Background



This preview shows how the Yxy color 61.3720, 0.3272, 0.3489 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 61.3720, 0.3272, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

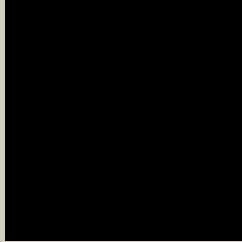
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

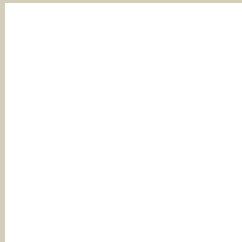
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3720, 0.3272, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 61.3720, 0.3272, 0.3489.



This preview shows how white text looks on a background with the Yxy color 61.3720, 0.3272, 0.3489.

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

61.3720, 0.3272, 0.3489

Protanopia

61.4396, 0.3312, 0.3488

Deuteranopia

61.1387, 0.3447, 0.3369



Tritanopia

61.4491, 0.3098, 0.3109

Trichromacy



Original Color

61.3720, 0.3272, 0.3489

Protanomaly

61.2905, 0.3305, 0.3488

Deuteranomaly

61.1790, 0.3384, 0.3416

Tritanomaly

61.2139, 0.3168, 0.3244

Monochromacy



Original Color

61.3720, 0.3272, 0.3489

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9080, 0.3177, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3720, 0.3272, 0.3489 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(209, 206, 189) looks like.

```
.text, #text, p{  
    color:rgb(209, 206, 189)  
}
```

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(209, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 206, 189) }
```

Border

The CSS property to change the border of an element to Yxy 61.3720, 0.3272, 0.3489 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(209, 206, 189) }
```

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

```
.border{ border-color:rgb(209, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(209, 206,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3720, 0.3272, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 206, 189) }
```

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

```
.background{ background-color: rgb(209,  
206, 189) }
```

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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