

Converting Colors

Yxy(60.9324, 0.3238, 0.3479)

Have a look what the booklet for
Yxy(60.9324, 0.3238, 0.3479)
contains.

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Color

Yxy(60.9821, 0.3241, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	CECEBE
RGB	206, 206, 190
RGB Percent	81%, 81%, 75%
CMY	0.1923, 0.1921, 0.2549
CMYK	0.00, 0.00, 0.08, 0.19
HSL	60°, 14%, 78%
HSV	60°, 8%, 81%
XYZ	56.8103, 60.9821, 57.4939
YIQ	204.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

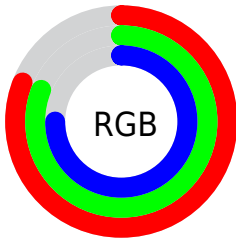
Format	Color
RYB	190, 206, 190
Decimal	13553342
CIELab	82.37, -2.83, 7.95
CIELCh	82, 8.436, 109.573
Yxy	60.9821, 0.3241, 0.3479
Android (android.graphics.Color)	4291743422 (0xFFCECEBE)
YUV	204.1760, -6.9888, 1.5996
Hunter-Lab	78.0910, -6.8027, 11.0119

Details

The Yxy color **60.9821, 0.3241, 0.3479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2421, 0.3009, 0.3094**, and the grayscale version is **60.5411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **30.9380, 0.3270, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **60.1352, 0.3391, 0.3728**, and if you desaturate by 10%, it is **61.9616, 0.3095, 0.3237**.

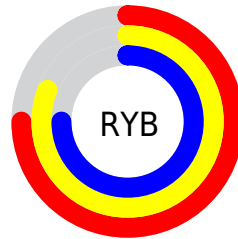
Distribution



Red (81%)

Green (81%)

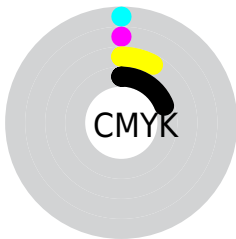
Blue (75%)



Red (75%)

Yellow (81%)

Blue (75%)

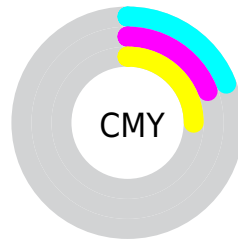


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9821, 0.3241, 0.3479 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 60.9821, 0.3241, 0.3479 by changing the saturation by 10% instead.

■ 60.9821, 0.3241,
0.3479

■ 60.9821, 0.3241,
0.3479

428.2084, 0.3187,
0.3388

■ 44.2107, 0.3254,
0.3501

■ 106.2530, 0.3222,
0.3447

■ 30.8362, 0.3270,
0.3528

135.5213, 0.3215,
0.3434

■ 20.4742, 0.3290,
0.3563

169.7241, 0.3208,
0.3424

■ 12.7402, 0.3318,
0.3611

209.2457, 0.3203,
0.3415

■ 7.2499, 0.3356,
0.3678

254.4706, 0.3198,
0.3407

■ 3.6189, 0.3413,
0.3782

305.7830, 0.3194,

■ 1.4627, 0.3509,

0.3400

0.3960

363.5675, 0.3190,
0.3394

■ 0.2623, 0.4074,
0.5926

■ 0.0000, 0.0000,
0.0000

■ 60.9821, 0.3241,
0.3479

■ 60.9821, 0.3241,
0.3479

■ 60.1352, 0.3391,
0.3728

■ 61.9616, 0.3095,
0.3237

■ 59.4077, 0.3542,
0.3979

■ 63.0708, 0.2957,
0.3007

■ 58.7966, 0.3687,
0.4221

■ 64.3171, 0.2827,
0.2792

■ 58.2957, 0.3823,
0.4447

■ 64.5322, 0.2808,
0.2760

■ 57.8983, 0.3942,
0.4646

■ 64.5436, 0.2809,
0.2760

■ 57.5969, 0.4040,
0.4809

■ 64.5550, 0.2809,
0.2760

■ 57.3832, 0.4113,
0.4932

■ 64.5663, 0.2810,
0.2760

■ 57.2473, 0.4159,
0.5011

■ 64.5777, 0.2810,
0.2761

■ 57.1750, 0.4183,
0.5051

■ 64.5891, 0.2811,
0.2761

Harmonies

Analogous

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



60.9821, 0.3316, 0.3451



60.9821, 0.3241, 0.3479



60.9821, 0.3136, 0.3455

Triad

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



60.9821, 0.3241, 0.3479



60.9821, 0.2919, 0.3193



60.9821, 0.3223, 0.3199

Complementary

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



60.9821, 0.3241, 0.3479



52.2421, 0.3009, 0.3094

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.



60.9821, 0.3115, 0.3133



60.9821, 0.3241, 0.3479



60.9821, 0.2941, 0.3128

Square

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



60.9821, 0.3241, 0.3479



60.9821, 0.2952, 0.3287



60.9821, 0.3012, 0.3107



60.9821, 0.3305, 0.3289

Rectangle

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



60.9821, 0.3241, 0.3479



60.9821, 0.3064, 0.3411



60.9821, 0.3012, 0.3107



60.9821, 0.3188, 0.3173

Sweetspot

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



60.9848, 0.3241, 0.3479



99.6721, 0.3156, 0.3339



53.6716, 0.3260, 0.3290



21.3374, 0.3155, 0.3336



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.



60.9848, 0.3241, 0.3479



98.5923, 0.3261, 0.3512



59.8765, 0.3179, 0.3483



13.0944, 0.3265, 0.3519



35.1930, 0.4187, 0.5058



1.8163, 0.4188, 0.5057

Inverse Universe

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



52.2421, 0.3009, 0.3094



82.1403, 0.2987, 0.3058



53.2937, 0.3072, 0.3098



10.8460, 0.2983, 0.3050



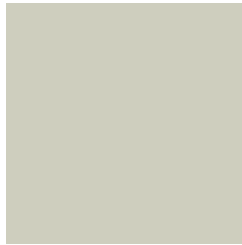
2.7481, 0.1502, 0.0601



0.1425, 0.1506, 0.0603

Previews

White Background



This preview shows how the Yxy color 60.9821, 0.3241, 0.3479 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 60.9821, 0.3241, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

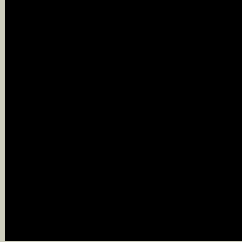
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

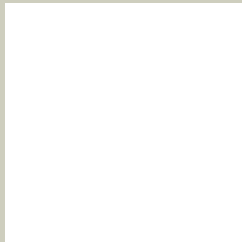
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9821, 0.3241, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 60.9821, 0.3241, 0.3479.



This preview shows how white text looks on a background with the Yxy color 60.9821, 0.3241, 0.3479.

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

60.9821, 0.3241, 0.3479

Protanopia

60.8569, 0.3299, 0.3465

Deuteranopia

61.0169, 0.3431, 0.3358



Tritanopia

61.0047, 0.3075, 0.3108

Trichromacy



Original Color

60.9821, 0.3241, 0.3479

Protanomaly

61.0384, 0.3281, 0.3478

Deuteranomaly

60.9070, 0.3360, 0.3405

Tritanomaly

60.8212, 0.3138, 0.3232

Monochromacy



Original Color

60.9821, 0.3241, 0.3479

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7653, 0.3170, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9821, 0.3241, 0.3479 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(206, 206, 190)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 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(206, 206, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 190) }
```

Border

The CSS property to change the border of an element to Yxy 60.9821, 0.3241, 0.3479 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(206, 206, 190) }
```

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

```
.border{ border-color:rgb(206, 206, 190) }
```

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

Here you see how a box with a 4 pixel rgb(206, 206, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9821, 0.3241, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 190) }
```

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

```
.background{ background-color: rgb(206,  
206, 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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