

Converting Colors

$Yxy(60.0769, 0.3219, 0.3469)$

Have a look what the booklet for
Yxy(60.0769, 0.3219, 0.3469)
contains.

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Color

Yxy(60.0769, 0.3219, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	CBCDBE
RGB	203, 205, 190
RGB Percent	80%, 80%, 75%
CMY	0.2040, 0.1960, 0.2550
CMYK	0.01, 0.00, 0.07, 0.20
HSL	68°, 13%, 77%
HSV	68°, 7%, 80%
XYZ	55.7473, 60.0769, 57.3579
YIQ	202.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

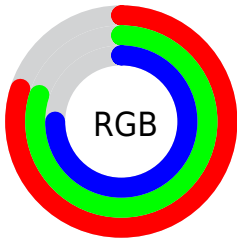
Format	Color
RYB	190, 205, 192
Decimal	13356478
CIELab	81.88, -3.36, 7.23
CIELCh	82, 7.976, 114.925
Yxy	60.0769, 0.3219, 0.3469
Android (android.graphics.Color)	4291546558 (0xFFCBCDBE)
YUV	202.6920, -6.2572, 0.2701
Hunter-Lab	77.5093, -7.2579, 10.3811

Details

The Yxy color $60.0769, 0.3219, 0.3469$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.4325, 0.3032, 0.3106$, and the grayscale version is $59.5546, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.4338, 0.3179, 0.3376$, and $30.3289, 0.3240, 0.3512$ is the 20% darker color. If you saturate the color by 10%, you get $58.8592, 0.3347, 0.3723$, and if you desaturate by 10%, it is $61.4329, 0.3094, 0.3227$.

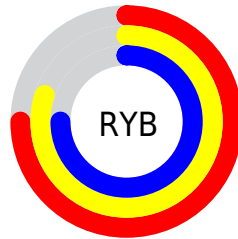
Distribution



Red (80%)

Green (80%)

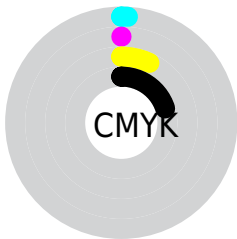
Blue (75%)



Red (75%)

Yellow (80%)

Blue (75%)

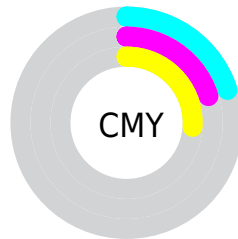


Cyan (1%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0769, 0.3219, 0.3469 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 60.0769, 0.3219, 0.3469 by changing the saturation by 10% instead.

■ 60.0769, 0.3219,
0.3469

■ 60.0769, 0.3219,
0.3469

424.8812, 0.3175,
0.3383

■ 43.4806, 0.3229,
0.3490

■ 104.9412, 0.3204,
0.3438

■ 30.2624, 0.3242,
0.3516

133.9780, 0.3198,
0.3427

■ 20.0378, 0.3259,
0.3550

167.9305, 0.3193,
0.3417

■ 12.4226, 0.3281,
0.3595

207.1830, 0.3188,
0.3408

■ 7.0321, 0.3312,
0.3661

252.1199, 0.3184,
0.3400

■ 3.4822, 0.3359,
0.3761

303.1256, 0.3181,

■ 1.3884, 0.3437,

0.3394

0.3937

360.5846, 0.3178,
0.3388

0.2081, 0.3574,
0.6426

0.0000, 0.0000,
0.0000

60.0769, 0.3219,
0.3469

60.0769, 0.3219,
0.3469

58.8592, 0.3347,
0.3723

61.4329, 0.3094,
0.3227

57.7667, 0.3474,
0.3982

62.9243, 0.2975,
0.3000

56.7963, 0.3596,
0.4239

64.5585, 0.2863,
0.2789

55.9421, 0.3708,
0.4485

65.1974, 0.2860,
0.2757

■ 55.1972, 0.3804,
0.4709

■ 65.6187, 0.2879,
0.2760

■ 54.5545, 0.3880,
0.4902

■ 66.0472, 0.2899,
0.2763

■ 54.0056, 0.3931,
0.5054

■ 66.4828, 0.2918,
0.2766

■ 53.5408, 0.3956,
0.5162

■ 66.9257, 0.2937,
0.2769

■ 53.1467, 0.3957,
0.5228

■ 67.3758, 0.2957,
0.2772

Harmonies

Analogous

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



60.0769, 0.3297, 0.3451



60.0769, 0.3219, 0.3469



60.0769, 0.3117, 0.3437

Triad

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



60.0769, 0.3219, 0.3469



60.0769, 0.2929, 0.3185



60.0769, 0.3234, 0.3218

Complementary

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



60.0769, 0.3219, 0.3469



52.4325, 0.3032, 0.3106

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.



60.0769, 0.3134, 0.3149



60.0769, 0.3219, 0.3469



60.0769, 0.2959, 0.3129

Square

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



60.0769, 0.3219, 0.3469



60.0769, 0.2951, 0.3271



60.0769, 0.3034, 0.3117



60.0769, 0.3306, 0.3306

Rectangle

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



60.0769, 0.3219, 0.3469



60.0769, 0.3050, 0.3392



60.0769, 0.3034, 0.3117



60.0769, 0.3203, 0.3192

Sweetspot

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



60.0795, 0.3219, 0.3469



99.5452, 0.3152, 0.3339



54.3885, 0.3249, 0.3314



21.3115, 0.3151, 0.3336



0.0000, 0.0000, 0.0000



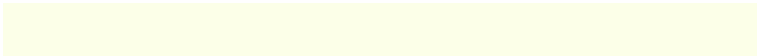
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0795, 0.3219, 0.3469



98.0246, 0.3242, 0.3513



59.0534, 0.3161, 0.3472



13.0167, 0.3245, 0.3520



33.0494, 0.3959, 0.5239



1.7268, 0.4007, 0.5200

Inverse Universe

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



52.4325, 0.3032, 0.3106



82.6502, 0.3007, 0.3059



53.4353, 0.3091, 0.3110



10.9156, 0.3003, 0.3052



2.9196, 0.1557, 0.0631



0.1750, 0.1702, 0.0711

Previews

White Background



This preview shows how the Yxy color 60.0769, 0.3219, 0.3469 looks on a white background.

Color Contrast Check

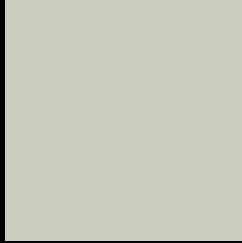
Large Text (above 18pt) WCAG AA × Fail

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 60.0769, 0.3219, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

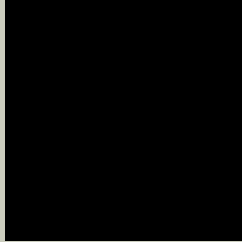
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

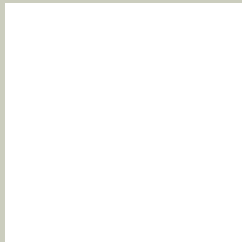
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0769, 0.3219, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 60.0769, 0.3219, 0.3469.



This preview shows how white text looks on a background with the Yxy color 60.0769, 0.3219, 0.3469.

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

60.0769, 0.3219, 0.3469

Protanopia

60.2349, 0.3292, 0.3454

Deuteranopia

59.6165, 0.3410, 0.3336



Tritanopia

60.0484, 0.3059, 0.3106

Trichromacy



Original Color

60.0769, 0.3219, 0.3469

Protanomaly

60.2698, 0.3267, 0.3467

Deuteranomaly

59.5139, 0.3339, 0.3383

Tritanomaly

59.8679, 0.3122, 0.3232

Monochromacy



Original Color

60.0769, 0.3219, 0.3469

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9595, 0.3162, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0769, 0.3219, 0.3469 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(203, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 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(203, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 190) }
```

Border

The CSS property to change the border of an element to Yxy 60.0769, 0.3219, 0.3469 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(203, 205, 190) }
```

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

```
.border{ border-color:rgb(203, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0769, 0.3219, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 190) }
```

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

```
.background{ background-color: rgb(203,  
205, 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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