

Converting Colors

$Yxy(63.2788, 0.3195, 0.3380)$

Have a look what the booklet for
Yxy(63.2788, 0.3195, 0.3380)
contains.

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Color

Yxy(63.0304, 0.3192, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	D2D0C9
RGB	210, 208, 201
RGB Percent	82%, 82%, 79%
CMY	0.1763, 0.1843, 0.2118
CMYK	0.00, 0.01, 0.04, 0.18
HSL	46°, 9%, 81%
HSV	46°, 4%, 82%
XYZ	59.6835, 63.0304, 64.2645
YIQ	207.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

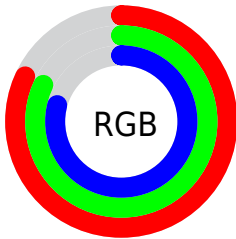
Format	Color
R_{YB}	204, 210, 201
Decimal	13816009
CIE Lab	83.46, -0.54, 3.72
CIE LCh	83, 3.754, 98.230
Yxy	63.0304, 0.3192, 0.3371
Android (android.graphics.Color)	4292006089 (0xFFD2D0C9)
YUV	207.8000, -3.3524, 1.9294
Hunter-Lab	79.3917, -4.7463, 7.5813

Details

The Yxy color **63.0304, 0.3192, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7943, 0.3062, 0.3208**, and the grayscale version is **62.9649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2857, 0.3212, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **59.8314, 0.3351, 0.3565**, and if you desaturate by 10%, it is **66.4393, 0.3045, 0.3186**.

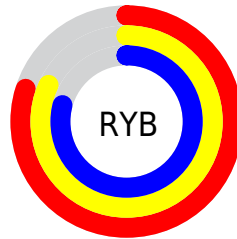
Distribution



Red (82%)

Green (82%)

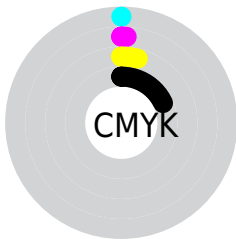
Blue (79%)



Red (80%)

Yellow (82%)

Blue (79%)

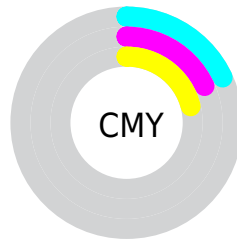


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0304, 0.3192, 0.3371 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 63.0304, 0.3192, 0.3371 by changing the saturation by 10% instead.

■ 63.0304, 0.3192,
0.3371

■ 63.0304, 0.3192,
0.3371

435.6798, 0.3161,
0.3333

■ 45.8658, 0.3199,
0.3380

109.2134, 0.3181,
0.3357

■ 32.1399, 0.3208,
0.3391

139.0005, 0.3177,
0.3352

■ 21.4684, 0.3220,
0.3406

173.7640, 0.3173,
0.3348

■ 13.4668, 0.3236,
0.3426

213.8882, 0.3170,
0.3344

■ 7.7508, 0.3257,
0.3453

259.7574, 0.3168,
0.3341

■ 3.9359, 0.3290,
0.3495

311.7562, 0.3165,

■ 1.6378, 0.3345,

0.3338

0.3565

370.2689, 0.3163,
0.3335

0.3829, 0.3938,
0.4298

0.0000, 0.0000,
0.0000

63.0304, 0.3192,
0.3371

63.0304, 0.3192,
0.3371

59.8314, 0.3351,
0.3565

66.4393, 0.3045,
0.3186

56.8280, 0.3522,
0.3765

70.0557, 0.2912,
0.3013

54.0166, 0.3701,
0.3965

73.2950, 0.2843,
0.2942

51.3903, 0.3884,
0.4158

75.8555, 0.2845,
0.2993

48.9417, 0.4064,
0.4334

78.4877, 0.2848,
0.3045

46.6626, 0.4236,
0.4483

81.1920, 0.2851,
0.3095

44.5440, 0.4389,
0.4596

83.9690, 0.2853,
0.3146

42.5754, 0.4517,
0.4663

86.8192, 0.2856,
0.3196

40.7444, 0.4616,
0.4683

89.7432, 0.2858,
0.3245

Harmonies

Analogous

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



63.0304, 0.3217, 0.3352



63.0304, 0.3192, 0.3371



63.0304, 0.3150, 0.3368

Triad

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



63.0304, 0.3192, 0.3371



63.0304, 0.3038, 0.3263



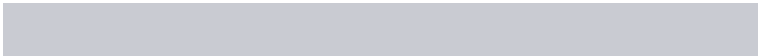
63.0304, 0.3152, 0.3237

Complementary

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



63.0304, 0.3192, 0.3371



59.7943, 0.3062, 0.3208

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.



63.0304, 0.3104, 0.3213



63.0304, 0.3192, 0.3371



63.0304, 0.3038, 0.3228

Square

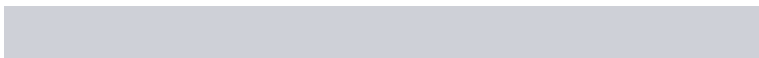
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0304, 0.3192, 0.3371



63.0304, 0.3061, 0.3306



63.0304, 0.3063, 0.3210



63.0304, 0.3194, 0.3274

Rectangle

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



63.0304, 0.3192, 0.3371



63.0304, 0.3118, 0.3355



63.0304, 0.3063, 0.3210



63.0304, 0.3136, 0.3227

Sweetspot

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



63.0331, 0.3192, 0.3371



99.4697, 0.3142, 0.3309



59.7874, 0.3182, 0.3266



21.2962, 0.3141, 0.3308



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.



63.0331, 0.3192, 0.3371



97.3813, 0.3203, 0.3385



63.6862, 0.3172, 0.3395



13.5900, 0.3212, 0.3396



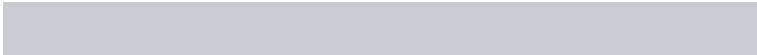
24.3945, 0.4655, 0.4686



1.4779, 0.4553, 0.4767

Inverse Universe

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



59.7943, 0.3062, 0.3208



91.5258, 0.3051, 0.3193



59.1706, 0.3081, 0.3184



12.6787, 0.3042, 0.3181



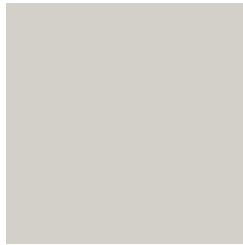
4.2266, 0.1570, 0.0852



0.3588, 0.1668, 0.1205

Previews

White Background



This preview shows how the Yxy color 63.0304, 0.3192, 0.3371 looks on a white background.

Color Contrast Check

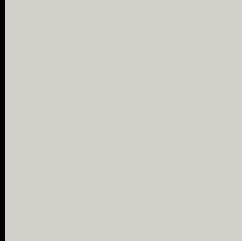
Large Text (above 18pt) WCAG AA × Fail

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 63.0304, 0.3192, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

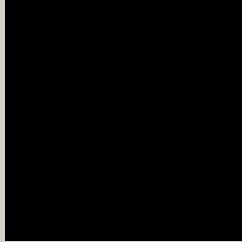
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

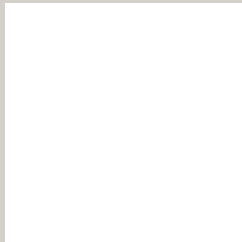
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0304, 0.3192, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 63.0304, 0.3192, 0.3371.

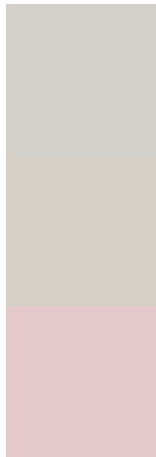


This preview shows how white text looks on a background with the Yxy color 63.0304, 0.3192, 0.3371.

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

63.0304, 0.3192, 0.3371

Protanopia

62.9419, 0.3223, 0.3371

Deuteranopia

62.8606, 0.3349, 0.3280



Tritanopia

63.0292, 0.3076, 0.3110

Trichromacy



Original Color

63.0304, 0.3192, 0.3371

Protanomaly

62.7928, 0.3215, 0.3371

Deuteranomaly

63.1380, 0.3289, 0.3313

Tritanomaly

62.9947, 0.3116, 0.3199

Monochromacy



Original Color

63.0304, 0.3192, 0.3371

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0748, 0.3156, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0304, 0.3192, 0.3371 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(210, 208, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 201)  
}
```

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(210, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 201) }
```

Border

The CSS property to change the border of an element to Yxy 63.0304, 0.3192, 0.3371 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(210, 208, 201) }
```

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

```
.border{ border-color:rgb(210, 208, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 208, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 208,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0304, 0.3192, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 208, 201) }
```

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

```
.background{ background-color: rgb(210,  
208, 201) }
```

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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