

Converting Colors

Yxy(63.1332, 0.3170, 0.3334)

Have a look what the booklet for
Yxy(63.1332, 0.3170, 0.3334)
contains.

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Color

Yxy(63.1730, 0.3170, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	D2D0CC
RGB	210, 208, 204
RGB Percent	82%, 82%, 80%
CMY	0.1766, 0.1843, 0.1999
CMYK	0.00, 0.01, 0.03, 0.18
HSL	40°, 6%, 81%
HSV	40°, 3%, 82%
XYZ	60.0295, 63.1730, 66.1650
YIQ	208.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

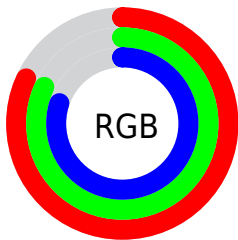
Format	Color
RYB	207, 210, 204
Decimal	13816012
CIELab	83.53, -0.03, 2.21
CIElCh	84, 2.207, 90.899
Yxy	63.1730, 0.3170, 0.3336
Android (android.graphics.Color)	4292006092 (0xFFD2D0CC)
YUV	208.1420, -2.0420, 1.6295
Hunter-Lab	79.4814, -4.2778, 6.2805

Details

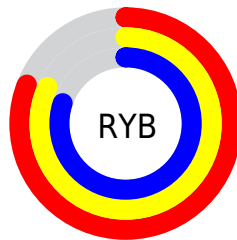
The Yxy color **63.1730, 0.3170, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6251, 0.3084, 0.3244**, and the grayscale version is **63.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3811, 0.3184, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **58.9314, 0.3331, 0.3504**, and if you desaturate by 10%, it is **67.7033, 0.3025, 0.3178**.

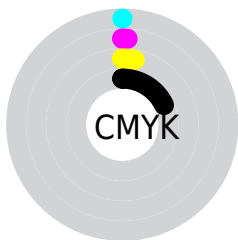
Distribution



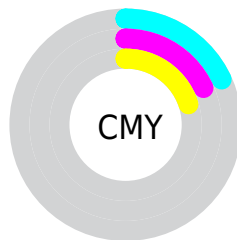
- Red (82%)
- Green (82%)
- Blue (80%)



- Red (81%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1730, 0.3170, 0.3336 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 63.1730, 0.3170, 0.3336 by changing the saturation by 10% instead.

■ 63.1730, 0.3170,
0.3336

■ 63.1730, 0.3170,
0.3336

436.1971, 0.3150,
0.3314

■ 45.9812, 0.3175,
0.3341

109.4191, 0.3163,
0.3328

■ 32.2310, 0.3181,
0.3348

139.2421, 0.3160,
0.3325

■ 21.5380, 0.3188,
0.3356

174.0443, 0.3158,
0.3323

■ 13.5178, 0.3199,
0.3367

214.2101, 0.3156,
0.3321

■ 7.7861, 0.3213,
0.3382

260.1239, 0.3154,
0.3319

■ 3.9584, 0.3235,
0.3406

312.1700, 0.3152,

■ 1.6503, 0.3271,

0.3317

0.3445

370.7330, 0.3151,
0.3316

0.3912, 0.3588,
0.3784

0.0000, 0.0000,
0.0000

63.1730, 0.3170,
0.3336

63.1730, 0.3170,
0.3336

58.9314, 0.3331,
0.3504

67.7033, 0.3025,
0.3178

54.9631, 0.3508,
0.3678

72.5212, 0.2895,
0.3030

51.2632, 0.3700,
0.3855

76.8381, 0.2846,
0.3013

47.8236, 0.3903,
0.4028

80.7422, 0.2850,
0.3087

■ 44.6356, 0.4113,
0.4187

■ 84.8010, 0.2854,
0.3161

■ 41.6897, 0.4321,
0.4324

■ 89.0159, 0.2857,
0.3233

■ 38.9757, 0.4519,
0.4425

■ 92.4383, 0.2860,
0.3289

■ 36.4819, 0.4695,
0.4482

■ 34.1947, 0.4842,
0.4488

Harmonies

Analogous

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



63.1730, 0.3181, 0.3322



63.1730, 0.3170, 0.3336



63.1730, 0.3147, 0.3338

Triad

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



63.1730, 0.3170, 0.3336



63.1730, 0.3077, 0.3280



63.1730, 0.3135, 0.3254

Complementary

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



63.1730, 0.3170, 0.3336



61.6251, 0.3084, 0.3244

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.



63.1730, 0.3107, 0.3243



63.1730, 0.3170, 0.3336



63.1730, 0.3074, 0.3258

Square

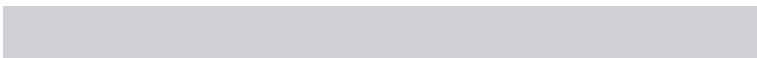
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.1730, 0.3170, 0.3336



63.1730, 0.3093, 0.3305



63.1730, 0.3085, 0.3245



63.1730, 0.3161, 0.3275

Rectangle

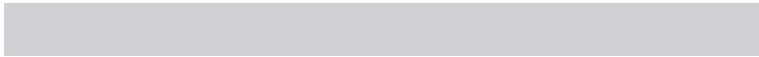
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.1730, 0.3170, 0.3336



63.1730, 0.3129, 0.3331



63.1730, 0.3085, 0.3245



63.1730, 0.3126, 0.3249

Sweetspot

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



63.1757, 0.3170, 0.3336



99.3015, 0.3142, 0.3306



61.3475, 0.3159, 0.3267



21.2620, 0.3142, 0.3306



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.



63.1757, 0.3170, 0.3336



97.9179, 0.3173, 0.3339



63.9952, 0.3161, 0.3359



13.6378, 0.3184, 0.3351



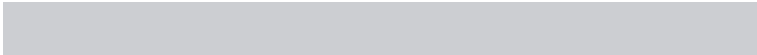
20.1229, 0.4917, 0.4478



1.2671, 0.4752, 0.4609

Inverse Universe

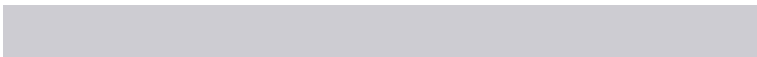
The Inverse Universe completely reimagines the original color for something new.



61.6251, 0.3084, 0.3244



95.3501, 0.3082, 0.3240



60.8253, 0.3093, 0.3221



13.1942, 0.3070, 0.3228



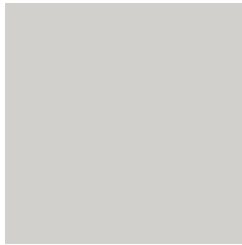
5.6187, 0.1634, 0.1082



0.4583, 0.1738, 0.1458

Previews

White Background



This preview shows how the Yxy color 63.1730, 0.3170, 0.3336 looks on a white background.

Color Contrast Check

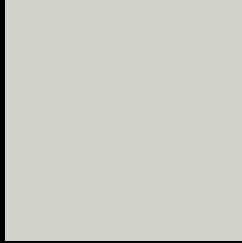
Large Text (above 18pt) WCAG AA × Fail

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 63.1730, 0.3170, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

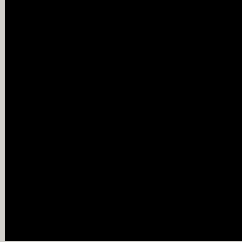
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

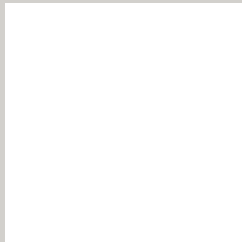
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1730, 0.3170, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 63.1730, 0.3170, 0.3336.

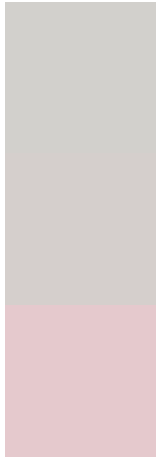


This preview shows how white text looks on a background with the Yxy color 63.1730, 0.3170, 0.3336.

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

63.1730, 0.3170, 0.3336

Protanopia

63.1314, 0.3194, 0.3324

Deuteranopia

62.8391, 0.3318, 0.3246



Tritanopia

63.0827, 0.3069, 0.3099

Trichromacy



Original Color

63.1730, 0.3170, 0.3336

Protanomaly

62.9823, 0.3186, 0.3325

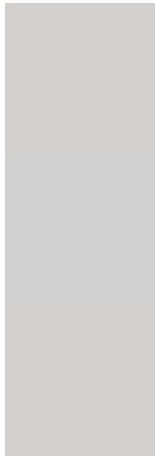
Deuteranomaly

63.1231, 0.3259, 0.3279

Tritanomaly

63.0460, 0.3109, 0.3188

Monochromacy



Original Color

63.1730, 0.3170, 0.3336

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1721, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1730, 0.3170, 0.3336 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, 204) looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 204) }
```

Border

The CSS property to change the border of an element to Yxy 63.1730, 0.3170, 0.3336 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, 204) }
```

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

```
.border{ border-color:rgb(210, 208, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(210, 208,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1730, 0.3170, 0.3336 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, 204) }
```

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

```
.background{ background-color: rgb(210,  
208, 204) }
```

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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