

Converting Colors

Yxy(60.5811, 0.3146, 0.3328)

Have a look what the booklet for
Yxy(60.5811, 0.3146, 0.3328)
contains.

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Color

Yxy(60.7171, 0.3148, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	CCCCDC9
RGB	204, 205, 201
RGB Percent	80%, 80%, 79%
CMY	0.1999, 0.1961, 0.2118
CMYK	0.00, 0.00, 0.02, 0.20
HSL	75°, 4%, 80%
HSV	75°, 2%, 80%
XYZ	57.2782, 60.7171, 63.9558
YIQ	204.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

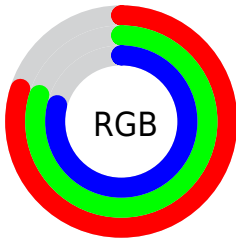
Format	Color
R _Y B	201, 205, 202
Decimal	13422025
CIE Lab	82.23, -1.06, 1.86
CIE LCh	82, 2.140, 119.628
Yxy	60.7171, 0.3148, 0.3337
Android (android.graphics.Color)	4291612105 (0xFFCCDC9)
YUV	204.2450, -1.5998, -0.2149
Hunter-Lab	77.9212, -5.1505, 5.8810

Details

The Yxy color $60.7171, 0.3148, 0.3337$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.7334, 0.3106, 0.3243$, and the grayscale version is $60.5591, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.7238, 0.3155, 0.3352$ is the 20% darker color. If you saturate the color by 10%, you get $59.1169, 0.3256, 0.3587$, and if you desaturate by 10%, it is $62.4744, 0.3043, 0.3103$.

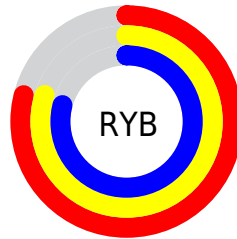
Distribution



Red (80%)

Green (80%)

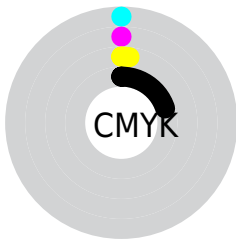
Blue (79%)



Red (79%)

Yellow (80%)

Blue (79%)

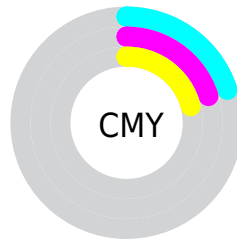


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7171, 0.3148, 0.3337 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 60.7171, 0.3148, 0.3337 by changing the saturation by 10% instead.

■ 60.7171, 0.3148,
0.3337

■ 60.7171, 0.3148,
0.3337

427.2360, 0.3138,
0.3315

■ 43.9969, 0.3150,
0.3342

105.8692, 0.3145,
0.3329

■ 30.6681, 0.3153,
0.3349

135.0699, 0.3143,
0.3326

■ 20.3462, 0.3157,
0.3358

169.1996, 0.3142,
0.3323

■ 12.6470, 0.3162,
0.3369

208.6426, 0.3141,
0.3321

■ 7.1859, 0.3169,
0.3386

253.7833, 0.3140,
0.3319

■ 3.5786, 0.3180,
0.3411

305.0062, 0.3139,

■ 1.4408, 0.3199,

0.3317

0.3455

362.6956, 0.3139,
0.3316

0.2465, 0.3514,
0.4155

0.0000, 0.0000,
0.0000

60.7171, 0.3148,
0.3337

60.7171, 0.3148,
0.3337

59.1169, 0.3256,
0.3587

62.4744, 0.3043,
0.3103

57.6606, 0.3365,
0.3849


64.3860, 0.2943,
0.2888

56.3453, 0.3471,
0.4118

65.9669, 0.2895,
0.2762

55.1649, 0.3569,
0.4386


66.7621, 0.2930,
0.2768


 54.1130, 0.3654,
0.4641

 67.5812, 0.2966,
0.2773

 53.1824, 0.3721,
0.4874


 68.4245, 0.3001,
0.2779


 52.3653, 0.3766,
0.5072

 69.2921, 0.3037,
0.2784

 51.6524, 0.3786,
0.5228

 70.1842, 0.3073,
0.2790

 51.0330, 0.3780,
0.5336

 71.1011, 0.3110,
0.2795

Harmonies

Analogous

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



60.7171, 0.3170, 0.3335



60.7171, 0.3148, 0.3337



60.7171, 0.3121, 0.3326

Triad

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



60.7171, 0.3148, 0.3337



60.7171, 0.3074, 0.3259



60.7171, 0.3160, 0.3274

Complementary

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



60.7171, 0.3148, 0.3337



58.7334, 0.3106, 0.3243

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.



60.7171, 0.3134, 0.3254



60.7171, 0.3148, 0.3337



60.7171, 0.3085, 0.3246

Square

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



60.7171, 0.3148, 0.3337



60.7171, 0.3078, 0.3282



60.7171, 0.3106, 0.3244



60.7171, 0.3177, 0.3299

Rectangle

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



60.7171, 0.3148, 0.3337



60.7171, 0.3103, 0.3314



60.7171, 0.3106, 0.3244



60.7171, 0.3152, 0.3267

Sweetspot

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



60.7197, 0.3148, 0.3337



99.7180, 0.3138, 0.3314



59.4048, 0.3158, 0.3301



21.3467, 0.3137, 0.3313



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.



60.7197, 0.3148, 0.3337



99.4386, 0.3149, 0.3339



60.4457, 0.3133, 0.3337



13.2176, 0.3147, 0.3335



31.5383, 0.3767, 0.5391



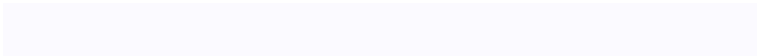
1.6611, 0.3855, 0.5321

Inverse Universe

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



58.7334, 0.3106, 0.3243



96.0671, 0.3105, 0.3241



59.0073, 0.3121, 0.3243



12.8017, 0.3107, 0.3245



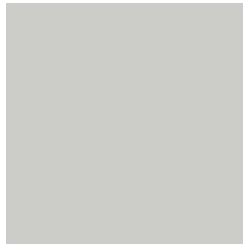
3.2112, 0.1647, 0.0681



0.2023, 0.1855, 0.0795

Previews

White Background



This preview shows how the Yxy color 60.7171, 0.3148, 0.3337 looks on a white background.

Color Contrast Check

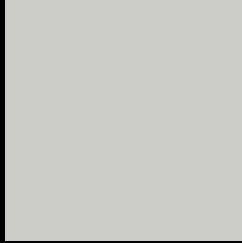
Large Text (above 18pt) WCAG AA × Fail

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 60.7171, 0.3148, 0.3337 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

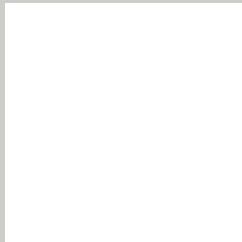
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7171, 0.3148, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 60.7171, 0.3148, 0.3337.



This preview shows how white text looks on a background with the Yxy color 60.7171, 0.3148, 0.3337.

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

60.7171, 0.3148, 0.3337

Protanopia

60.9112, 0.3194, 0.3337

Deuteranopia

60.6600, 0.3312, 0.3246



Tritanopia

60.5684, 0.3052, 0.3107

Trichromacy



Original Color

60.7171, 0.3148, 0.3337

Protanomaly

60.6213, 0.3179, 0.3337

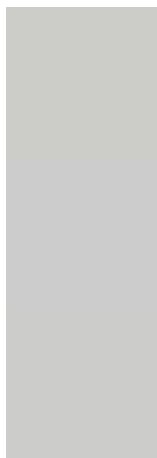
Deuteranomaly

60.7893, 0.3245, 0.3279

Tritanomaly

60.5871, 0.3086, 0.3186

Monochromacy



Original Color

60.7171, 0.3148, 0.3337

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3349, 0.3134, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7171, 0.3148, 0.3337 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(204, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 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(204, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 201) }
```

Border

The CSS property to change the border of an element to Yxy 60.7171, 0.3148, 0.3337 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(204, 205, 201) }
```

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

```
.border{ border-color:rgb(204, 205, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7171, 0.3148, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 201) }
```

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

```
.background{ background-color: rgb(204,  
205, 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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