

Converting Colors

Yxy(60.7683, 0.3121, 0.3336)

Have a look what the booklet for
Yxy(60.7683, 0.3121, 0.3336)
contains.

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Color

Yxy(60.8244, 0.3117, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	C9CECA
RGB	201, 206, 202
RGB Percent	79%, 81%, 79%
CMY	0.2119, 0.1921, 0.2078
CMYK	0.02, 0.00, 0.02, 0.19
HSL	133°, 5%, 80%
HSV	133°, 2%, 81%
XYZ	56.8144, 60.8244, 64.6339
YIQ	204.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

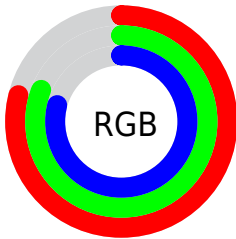
Format	Color
RYP	201, 205, 206
Decimal	13225674
CIELab	82.28, -2.45, 1.37
CIElCh	82, 2.807, 150.787
Yxy	60.8244, 0.3117, 0.3337
Android (android.graphics.Color)	4291415754 (0xFFC9CECA)
YUV	204.0490, -1.0102, -2.6740
Hunter-Lab	77.9900, -6.4483, 5.4566

Details

The Yxy color $60.8244, 0.3117, 0.3337$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.2880, 0.3137, 0.3243$, and the grayscale version is $60.4227, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.7976, 0.3114, 0.3353$ is the 20% darker color. If you saturate the color by 10%, you get $57.4290, 0.3075, 0.3545$, and if you desaturate by 10%, it is $64.6896, 0.3158, 0.3154$.

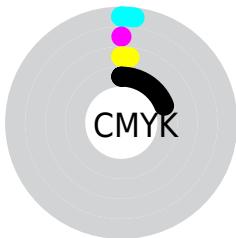
Distribution



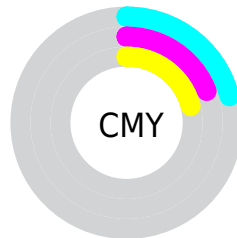
- Red (79%)
- Green (81%)
- Blue (79%)



- Red (79%)
- Yellow (80%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8244, 0.3117, 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 60.8244, 0.3117, 0.3337 by changing the saturation by 10% instead.

■ 60.8244, 0.3117,
0.3337

■ 60.8244, 0.3117,
0.3337

427.6299, 0.3122,
0.3315

■ 44.0835, 0.3116,
0.3342

106.0246, 0.3119,
0.3329

■ 30.7361, 0.3114,
0.3349

135.2527, 0.3119,
0.3326

■ 20.3980, 0.3112,
0.3358

169.4120, 0.3120,
0.3323

■ 12.6847, 0.3110,
0.3369

208.8869, 0.3120,
0.3321

■ 7.2118, 0.3106,
0.3386

254.0617, 0.3121,
0.3319

■ 3.5949, 0.3100,
0.3412

305.3208, 0.3121,

■ 1.4496, 0.3090,

0.3317

0.3456

363.0488, 0.3122,
0.3316

0.2529, 0.2945,
0.4125

0.0000, 0.0000,
0.0000

60.8244, 0.3117,
0.3337

60.8244, 0.3117,
0.3337

57.4290, 0.3075,
0.3545

64.6896, 0.3158,
0.3154

54.4778, 0.3033,
0.3779

69.0334, 0.3197,
0.2995

51.9548, 0.2993,
0.4039

72.3704, 0.3178,
0.2849

49.8398, 0.2958,
0.4320

72.6288, 0.3150,
0.2811

■ 48.1109, 0.2929,
0.4616

■ 46.7444, 0.2909,
0.4914

■ 45.7137, 0.2901,
0.5201

■ 44.9887, 0.2907,
0.5458

■ 44.5332, 0.2925,
0.5670

Harmonies

Analogous

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



60.8244, 0.3153, 0.3351



60.8244, 0.3117, 0.3337



60.8244, 0.3084, 0.3310

Triad

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



60.8244, 0.3117, 0.3337



60.8244, 0.3072, 0.3231



60.8244, 0.3193, 0.3302

Complementary

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



60.8244, 0.3117, 0.3337



59.2880, 0.3137, 0.3243

Split Complementary

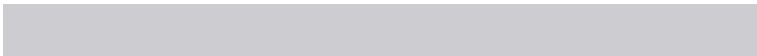
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.8244, 0.3171, 0.3271



60.8244, 0.3117, 0.3337



60.8244, 0.3101, 0.3230

Square

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



60.8244, 0.3117, 0.3337



60.8244, 0.3058, 0.3249



60.8244, 0.3137, 0.3244



60.8244, 0.3197, 0.3331

Rectangle

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



60.8244, 0.3117, 0.3337



60.8244, 0.3068, 0.3288



60.8244, 0.3137, 0.3244



60.8244, 0.3187, 0.3292

Sweetspot

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



60.8270, 0.3117, 0.3337



99.3902, 0.3123, 0.3309



61.3440, 0.3155, 0.3349



21.2800, 0.3123, 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.



60.8270, 0.3117, 0.3337



98.1939, 0.3115, 0.3349



60.9455, 0.3100, 0.3308



12.9914, 0.3112, 0.3363



27.3002, 0.2937, 0.5774



1.4197, 0.2834, 0.5402

Inverse Universe

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



59.2880, 0.3137, 0.3243



95.1136, 0.3140, 0.3232



59.1691, 0.3155, 0.3272



12.4877, 0.3143, 0.3218



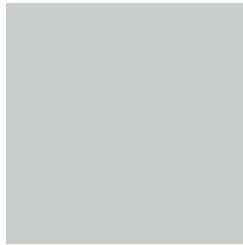
9.7246, 0.3813, 0.1874



0.5120, 0.3673, 0.1797

Previews

White Background



This preview shows how the Yxy color 60.8244, 0.3117, 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 60.8244, 0.3117, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

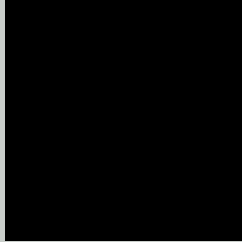
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

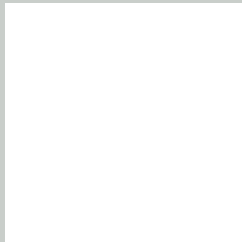
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8244, 0.3117, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 60.8244, 0.3117, 0.3337.



This preview shows how white text looks on a background with the Yxy color 60.8244, 0.3117, 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

60.8244, 0.3117, 0.3337

Protanopia

60.9581, 0.3187, 0.3325

Deuteranopia

60.5951, 0.3289, 0.3223



Tritanopia

60.6637, 0.3023, 0.3106

Trichromacy



Original Color

60.8244, 0.3117, 0.3337

Protanomaly

61.0015, 0.3163, 0.3337

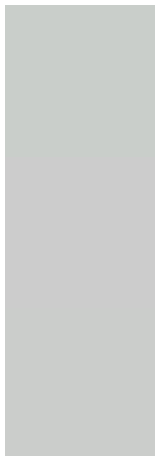
Deuteranomaly

60.6840, 0.3230, 0.3267

Tritanomaly

60.6863, 0.3057, 0.3185

Monochromacy



Original Color

60.8244, 0.3117, 0.3337

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6710, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8244, 0.3117, 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(201, 206, 202) looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 202)  
}
```

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(201, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.8244, 0.3117, 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(201, 206, 202) }
```

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

```
.border{ border-color:rgb(201, 206, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8244, 0.3117, 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(201, 206, 202) }
```

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

```
.background{ background-color: rgb(201,  
206, 202) }
```

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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