

Converting Colors

Yxy(60.8154, 0.3210, 0.3352)

Have a look what the booklet for
Yxy(60.8154, 0.3210, 0.3352)
contains.

Yxy(60.9646, 0.3217, 0.3360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.9646, 0.3217, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	D2CCCC
RGB	210, 204, 198
RGB Percent	82%, 80%, 78%
CMY	0.1763, 0.2000, 0.2236
CMYK	0.00, 0.03, 0.06, 0.18
HSL	30°, 12%, 80%
HSV	30°, 6%, 82%
XYZ	58.3700, 60.9646, 62.1077
YIQ	205.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

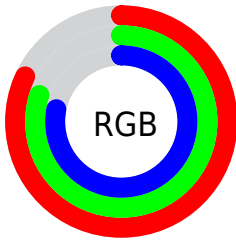
Format	Color
R _Y B	210, 210, 198
Decimal	13814982
CIE Lab	82.36, 1.03, 3.72
CIE LCh	82, 3.860, 74.465
Yxy	60.9646, 0.3217, 0.3360
Android (android.graphics.Color)	4292005062 (0xFFD2CCC6)
YUV	205.1100, -3.5052, 4.2885
Hunter-Lab	78.0798, -3.1988, 7.4943

Details

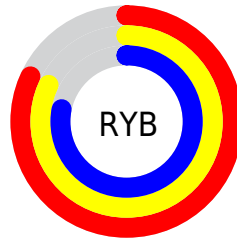
The Yxy color **60.9646, 0.3217, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8563, 0.3040, 0.3219**, and the grayscale version is **61.1477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.8942, 0.3247, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **55.2282, 0.3391, 0.3488**, and if you desaturate by 10%, it is **67.1789, 0.3065, 0.3240**.

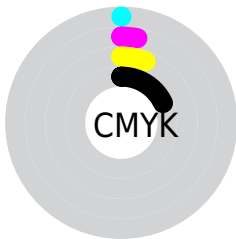
Distribution



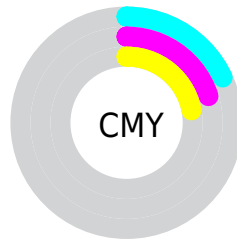
- Red (82%)
- Green (80%)
- Blue (78%)



- Red (82%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9646, 0.3217, 0.3360 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 60.9646, 0.3217, 0.3360 by changing the saturation by 10% instead.

■ 60.9646, 0.3217,
0.3360

■ 60.9646, 0.3217,
0.3360

428.1442, 0.3174,
0.3327

■ 44.1966, 0.3227,
0.3368

106.2277, 0.3202,
0.3348

■ 30.8251, 0.3240,
0.3378

135.4915, 0.3196,
0.3344

■ 20.4657, 0.3257,
0.3390

169.6895, 0.3191,
0.3340

■ 12.7340, 0.3279,
0.3407

209.2059, 0.3187,
0.3337

■ 7.2456, 0.3310,
0.3431

254.4252, 0.3183,
0.3334

■ 3.6162, 0.3358,
0.3468

305.7317, 0.3180,

■ 1.4613, 0.3440,

0.3331

0.3529

363.5099, 0.3177,
0.3329

0.2612, 0.4892,
0.4672

0.0000, 0.0000,
0.0000

60.9646, 0.3217,
0.3360

60.9646, 0.3217,
0.3360

55.2282, 0.3391,
0.3488

67.1789, 0.3065,
0.3240

49.9497, 0.3589,
0.3621

73.8748, 0.2932,
0.3128

45.1190, 0.3812,
0.3756

80.6739, 0.2850,
0.3086

40.7228, 0.4059,
0.3887

86.9009, 0.2856,
0.3197

■ 36.7467, 0.4324,
0.4004

■ 92.4468, 0.2861,
0.3289

■ 33.1756, 0.4600,
0.4096

■ 29.9931, 0.4872,
0.4151

■ 27.1810, 0.5124,
0.4156

■ 24.7184, 0.5339,
0.4107

Harmonies

Analogous

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



60.9646, 0.3223, 0.3326



60.9646, 0.3217, 0.3360



60.9646, 0.3187, 0.3376

Triad

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



60.9646, 0.3217, 0.3360



60.9646, 0.3052, 0.3297



60.9646, 0.3113, 0.3214

Complementary

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



60.9646, 0.3217, 0.3360



59.8563, 0.3040, 0.3219

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.



60.9646, 0.3068, 0.3206



60.9646, 0.3217, 0.3360



60.9646, 0.3032, 0.3253

Square

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



60.9646, 0.3217, 0.3360



60.9646, 0.3091, 0.3339



60.9646, 0.3038, 0.3220



60.9646, 0.3163, 0.3242

Rectangle

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



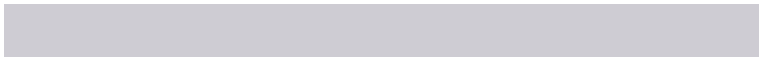
60.9646, 0.3217, 0.3360



60.9646, 0.3157, 0.3373



60.9646, 0.3038, 0.3220



60.9646, 0.3097, 0.3209

Sweetspot

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



60.9673, 0.3217, 0.3360



98.0558, 0.3158, 0.3314



58.4583, 0.3176, 0.3218



21.0084, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



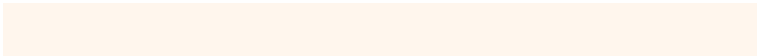
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9673, 0.3217, 0.3360



93.3275, 0.3239, 0.3377



63.7946, 0.3212, 0.3427



13.0072, 0.3246, 0.3382



14.6907, 0.5400, 0.4094



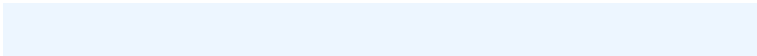
0.9801, 0.5121, 0.4316

Inverse Universe

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



59.8563, 0.3040, 0.3219



91.2204, 0.3019, 0.3202



57.1324, 0.3041, 0.3149



12.6946, 0.3012, 0.3196



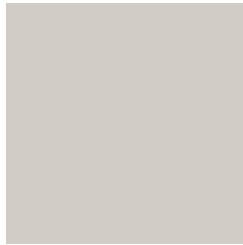
9.2334, 0.1776, 0.1593



0.6750, 0.1868, 0.1926

Previews

White Background



This preview shows how the Yxy color 60.9646, 0.3217, 0.3360 looks on a white background.

Color Contrast Check

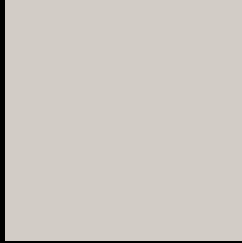
Large Text (above 18pt) WCAG AA × Fail

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 60.9646, 0.3217, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

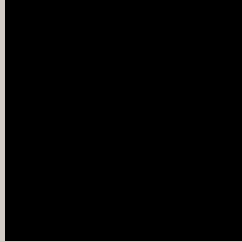
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

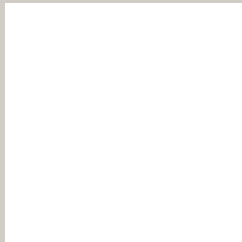
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9646, 0.3217, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 60.9646, 0.3217, 0.3360.

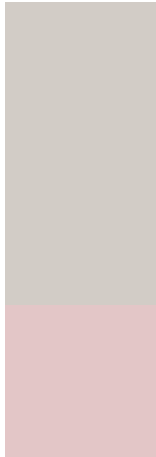


This preview shows how white text looks on a background with the Yxy color 60.9646, 0.3217, 0.3360.

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

60.9646, 0.3217, 0.3360

Protanopia

60.9646, 0.3217, 0.3360

Deuteranopia

60.8426, 0.3352, 0.3280



Tritanopia

60.9292, 0.3105, 0.3109

Trichromacy



Original Color

60.9646, 0.3217, 0.3360

Protanomaly

60.9646, 0.3217, 0.3360

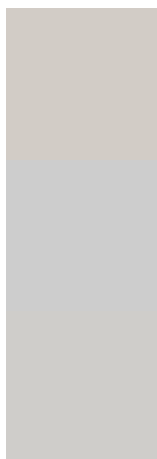
Deuteranomaly

60.8042, 0.3301, 0.3302

Tritanomaly

60.8913, 0.3147, 0.3199

Monochromacy



Original Color

60.9646, 0.3217, 0.3360

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1923, 0.3164, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9646, 0.3217, 0.3360 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, 204, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 198)  
}
```

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, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 198) }
```

Border

The CSS property to change the border of an element to Yxy 60.9646, 0.3217, 0.3360 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, 204, 198) }
```

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

```
.border{ border-color:rgb(210, 204, 198) }
```

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

Here you see how a box with a 4 pixel rgb(210, 204, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9646, 0.3217, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 204, 198) }
```

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

```
.background{ background-color: rgb(210,  
204, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor