

Converting Colors

Yxy(61.5588, 0.3174, 0.3409)

Have a look what the booklet for
Yxy(61.5588, 0.3174, 0.3409)
contains.

Yxy(61.4942, 0.3175, 0.3408)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.4942, 0.3175, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	CCCFC5
RGB	204, 207, 197
RGB Percent	80%, 81%, 77%
CMY	0.2000, 0.1882, 0.2276
CMYK	0.01, 0.00, 0.05, 0.19
HSL	78°, 9%, 79%
HSV	78°, 5%, 81%
XYZ	57.2899, 61.4942, 61.6566
YIQ	204.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

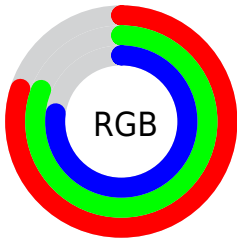
Format	Color
RYB	197, 207, 200
Decimal	13422533
CIELab	82.64, -2.83, 4.61
CIElCh	83, 5.410, 121.518
Yxy	61.4942, 0.3175, 0.3408
Android (android.graphics.Color)	4291612613 (0xFFCCCCFC5)
YUV	204.9630, -3.9258, -0.8446
Hunter-Lab	78.4182, -6.8254, 8.2758

Details

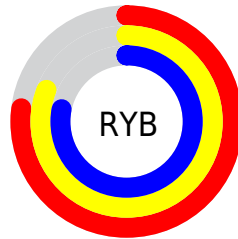
The Yxy color **61.4942, 0.3175, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7026, 0.3078, 0.3171**, and the grayscale version is **61.0508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **31.2497, 0.3190, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **59.7528, 0.3275, 0.3664**, and if you desaturate by 10%, it is **63.4061, 0.3077, 0.3169**.

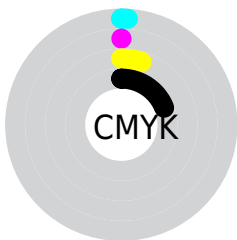
Distribution



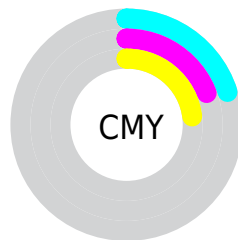
- Red (80%)
- Green (81%)
- Blue (77%)



- Red (77%)
- Yellow (81%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4942, 0.3175, 0.3408 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 61.4942, 0.3175, 0.3408 by changing the saturation by 10% instead.

■ 61.4942, 0.3175,
0.3408

■ 61.4942, 0.3175,
0.3408

430.0837, 0.3152,
0.3351

■ 44.6241, 0.3180,
0.3421

106.9942, 0.3167,
0.3388

■ 31.1615, 0.3187,
0.3438

136.3929, 0.3164,
0.3380

■ 20.7218, 0.3196,
0.3460

170.7365, 0.3161,
0.3374

■ 12.9208, 0.3207,
0.3490

210.4096, 0.3159,
0.3368

■ 7.3740, 0.3223,
0.3532

255.7965, 0.3157,
0.3363

■ 3.6971, 0.3247,
0.3596

307.2815, 0.3155,

■ 1.5056, 0.3286,

0.3359

0.3706

365.2491, 0.3154,
0.3355

0.2927, 0.4168,
0.5832

0.0000, 0.0000,
0.0000

61.4942, 0.3175,
0.3408

61.4942, 0.3175,
0.3408

59.7528, 0.3275,
0.3664

63.4061, 0.3077,
0.3169

58.1684, 0.3374,
0.3932

65.4860, 0.2983,
0.2949

56.7375, 0.3468,
0.4207

67.4762, 0.2920,
0.2788

55.4536, 0.3554,
0.4479

68.4777, 0.2963,
0.2794

■ 54.3097, 0.3625,
0.4739

■ 69.5157, 0.3006,
0.2800

■ 53.2981, 0.3676,
0.4973

■ 70.5905, 0.3050,
0.2807

■ 52.4102, 0.3705,
0.5171

■ 71.7025, 0.3095,
0.2813

■ 51.6360, 0.3708,
0.5324

■ 72.8521, 0.3139,
0.2820

■ 50.9635, 0.3686,
0.5428

■ 73.1094, 0.3149,
0.2821

Harmonies

Analogous

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



61.4942, 0.3232, 0.3404



61.4942, 0.3175, 0.3408



61.4942, 0.3106, 0.3380

Triad

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



61.4942, 0.3175, 0.3408



61.4942, 0.2995, 0.3209



61.4942, 0.3212, 0.3254

Complementary

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



61.4942, 0.3175, 0.3408



56.7026, 0.3078, 0.3171

Split Complementary

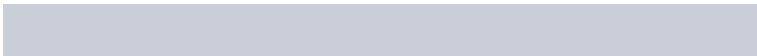
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4942, 0.3148, 0.3203



61.4942, 0.3175, 0.3408



61.4942, 0.3023, 0.3177

Square

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



61.4942, 0.3175, 0.3408



61.4942, 0.3002, 0.3264



61.4942, 0.3079, 0.3175



61.4942, 0.3254, 0.3314

Rectangle

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



61.4942, 0.3175, 0.3408



61.4942, 0.3062, 0.3346



61.4942, 0.3079, 0.3175



61.4942, 0.3192, 0.3235

Sweetspot

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



61.4969, 0.3175, 0.3408



99.6922, 0.3137, 0.3314



58.5202, 0.3204, 0.3324



21.3415, 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.



61.4969, 0.3175, 0.3408



98.1940, 0.3187, 0.3439



60.8218, 0.3138, 0.3409



13.7248, 0.3192, 0.3451



31.9576, 0.3677, 0.5463



1.8271, 0.3775, 0.5385

Inverse Universe

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



56.7026, 0.3078, 0.3171



88.6480, 0.3065, 0.3140



57.3814, 0.3116, 0.3172



12.2796, 0.3059, 0.3127



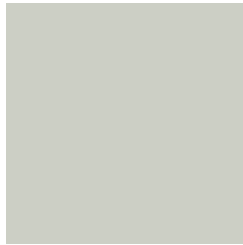
3.5278, 0.1707, 0.0714



0.2385, 0.1911, 0.0826

Previews

White Background



This preview shows how the Yxy color 61.4942, 0.3175, 0.3408 looks on a white background.

Color Contrast Check

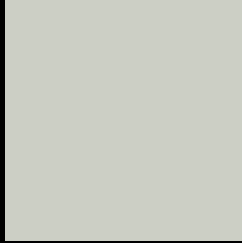
Large Text (above 18pt) WCAG AA × Fail

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 61.4942, 0.3175, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

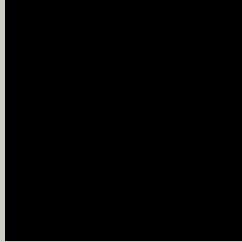
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

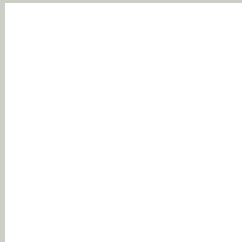
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4942, 0.3175, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 61.4942, 0.3175, 0.3408.

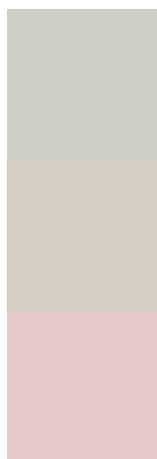


This preview shows how white text looks on a background with the Yxy color 61.4942, 0.3175, 0.3408.

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

61.4942, 0.3175, 0.3408

Protanopia

61.6452, 0.3246, 0.3394

Deuteranopia

61.4643, 0.3358, 0.3291



Tritanopia

61.6184, 0.3038, 0.3107

Trichromacy



Original Color

61.4942, 0.3175, 0.3408

Protanomaly

61.6834, 0.3221, 0.3407

Deuteranomaly

61.3783, 0.3290, 0.3336

Tritanomaly

61.5379, 0.3086, 0.3209

Monochromacy



Original Color

61.4942, 0.3175, 0.3408

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3860, 0.3148, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4942, 0.3175, 0.3408 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, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 197)  
}
```

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, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.4942, 0.3175, 0.3408 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, 207, 197) }
```

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

```
.border{ border-color:rgb(204, 207, 197) }
```

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

Here you see how a box with a 4 pixel rgb(204, 207, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4942, 0.3175, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 197) }
```

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

```
.background{ background-color: rgb(204,  
207, 197) }
```

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