

Converting Colors

Yxy(61.4727, 0.3193, 0.3471)

Have a look what the booklet for
Yxy(61.4727, 0.3193, 0.3471)
contains.

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Color

Yxy(61.5186, 0.3187, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	CAD0C1
RGB	202, 208, 193
RGB Percent	79%, 82%, 76%
CMY	0.2079, 0.1843, 0.2432
CMYK	0.03, 0.00, 0.07, 0.18
HSL	84°, 14%, 79%
HSV	84°, 7%, 82%
XYZ	56.5340, 61.5186, 59.3367
YIQ	204.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

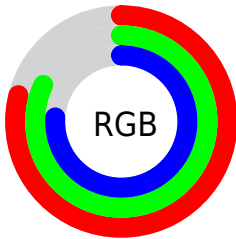
Format	Color
RYB	193, 208, 199
Decimal	13291713
CIELab	82.66, -4.75, 6.74
CIELCh	83, 8.242, 125.191
Yxy	61.5186, 0.3187, 0.3468
Android (android.graphics.Color)	4291481793 (0xFFCAD0C1)
YUV	204.4960, -5.6675, -2.1890
Hunter-Lab	78.4338, -8.5989, 10.0496

Details

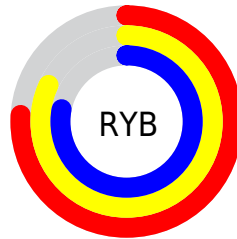
The Yxy color **61.5186, 0.3187, 0.3468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8312, 0.3064, 0.3111**, and the grayscale version is **60.7493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **31.3006, 0.3197, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **59.5251, 0.3270, 0.3730**, and if you desaturate by 10%, it is **63.7109, 0.3104, 0.3224**.

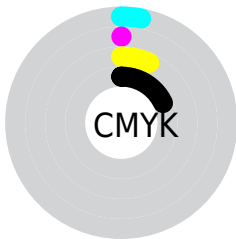
Distribution



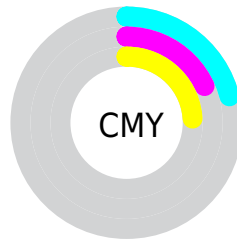
- Red (79%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5186, 0.3187, 0.3468 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 61.5186, 0.3187, 0.3468 by changing the saturation by 10% instead.

■ 61.5186, 0.3187,
0.3468

■ 61.5186, 0.3187,
0.3468

430.1729, 0.3159,
0.3382

■ 44.6438, 0.3194,
0.3488

■ 107.0295, 0.3177,
0.3438

■ 31.1770, 0.3202,
0.3514

136.4344, 0.3173,
0.3426

■ 20.7336, 0.3212,
0.3548

170.7847, 0.3170,
0.3416

■ 12.9294, 0.3226,
0.3593

210.4650, 0.3167,
0.3407

■ 7.3800, 0.3245,
0.3657

255.8596, 0.3165,
0.3400

■ 3.7009, 0.3273,
0.3756

307.3528, 0.3163,

■ 1.5077, 0.3318,

0.3393

0.3927

365.3291, 0.3161,
0.3388

■ 0.2941, 0.3574,
0.6426

■ 0.0000, 0.0000,
0.0000

■ 61.5186, 0.3187,
0.3468

■ 61.5186, 0.3187,
0.3468

■ 59.5251, 0.3270,
0.3730

■ 63.7109, 0.3104,
0.3224

■ 57.7160, 0.3351,
0.4008

■ 66.1001, 0.3024,
0.3001

■ 56.0871, 0.3426,
0.4294

■ 68.6696, 0.2950,
0.2803

■ 54.6312, 0.3490,
0.4579

■ 70.0591, 0.3009,
0.2811

■ 53.3404, 0.3539,
0.4852

■ 71.5153, 0.3068,
0.2820

■ 52.2060, 0.3569,
0.5098

■ 73.0389, 0.3127,
0.2828

■ 51.2184, 0.3575,
0.5306

■ 73.5972, 0.3149,
0.2831

■ 50.3664, 0.3557,
0.5465

■ 49.6352, 0.3518,
0.5573

Harmonies

Analogous

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



61.5186, 0.3278, 0.3467



61.5186, 0.3187, 0.3468



61.5186, 0.3081, 0.3419

Triad

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



61.5186, 0.3187, 0.3468



61.5186, 0.2929, 0.3158



61.5186, 0.3267, 0.3246

Complementary

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



61.5186, 0.3187, 0.3468



54.8312, 0.3064, 0.3111

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.



61.5186, 0.3171, 0.3166



61.5186, 0.3187, 0.3468



61.5186, 0.2977, 0.3116

Square

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



61.5186, 0.3187, 0.3468



61.5186, 0.2933, 0.3238



61.5186, 0.3065, 0.3119



61.5186, 0.3325, 0.3337

Rectangle

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



61.5186, 0.3187, 0.3468



61.5186, 0.3016, 0.3365



61.5186, 0.3065, 0.3119



61.5186, 0.3238, 0.3217

Sweetspot

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



61.5213, 0.3187, 0.3468



99.2900, 0.3144, 0.3339



58.1057, 0.3243, 0.3361



21.2596, 0.3143, 0.3336



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.



61.5213, 0.3187, 0.3468



96.9052, 0.3203, 0.3516



60.5006, 0.3130, 0.3471



13.5513, 0.3205, 0.3524



30.8720, 0.3514, 0.5592



1.7717, 0.3638, 0.5493

Inverse Universe

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



54.8312, 0.3064, 0.3111



83.7067, 0.3047, 0.3062



55.8824, 0.3123, 0.3114



11.6457, 0.3044, 0.3054



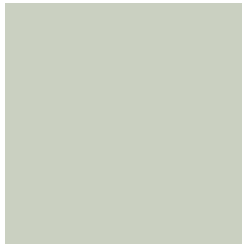
4.0490, 0.1853, 0.0794



0.2721, 0.2064, 0.0910

Previews

White Background



This preview shows how the Yxy color 61.5186, 0.3187, 0.3468 looks on a white background.

Color Contrast Check

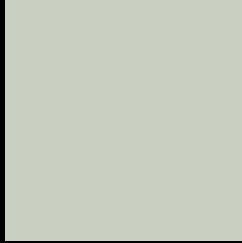
Large Text (above 18pt) WCAG AA × Fail

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 61.5186, 0.3187, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

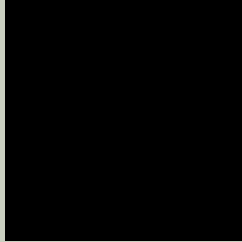
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

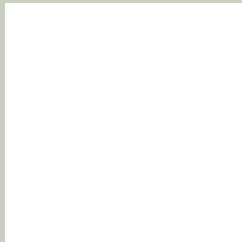
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5186, 0.3187, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 61.5186, 0.3187, 0.3468.



This preview shows how white text looks on a background with the Yxy color 61.5186, 0.3187, 0.3468.

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

61.5186, 0.3187, 0.3468

Protanopia

61.5704, 0.3290, 0.3453

Deuteranopia

61.4450, 0.3397, 0.3335



Tritanopia

61.4748, 0.3031, 0.3107

Trichromacy



Original Color

61.5186, 0.3187, 0.3468

Protanomaly

61.5037, 0.3250, 0.3454

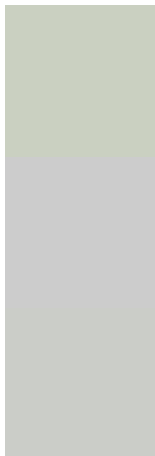
Deuteranomaly

61.1962, 0.3320, 0.3382

Tritanomaly

61.2949, 0.3092, 0.3232

Monochromacy



Original Color

61.5186, 0.3187, 0.3468

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5293, 0.3147, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5186, 0.3187, 0.3468 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(202, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 193)  
}
```

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(202, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.5186, 0.3187, 0.3468 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(202, 208, 193) }
```

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

```
.border{ border-color:rgb(202, 208, 193) }
```

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

Here you see how a box with a 4 pixel rgb(202, 208, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5186, 0.3187, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 193) }
```

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

```
.background{ background-color: rgb(202,  
208, 193) }
```

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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