

Converting Colors

Yxy(61.8940, 0.3207, 0.3454)

Have a look what the booklet for
Yxy(61.8940, 0.3207, 0.3454)
contains.

| | |
|--|----|
| Yxy(61.9859, 0.3203, 0.3455) | 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(61.9859, 0.3203, 0.3455)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CDD0C2 |
| RGB | 205, 208, 194 |
| RGB Percent | 80%, 82%, 76% |
| CMY | 0.1961, 0.1843, 0.2393 |
| CMYK | 0.01, 0.00, 0.07, 0.18 |
| HSL | 73°, 13%, 79% |
| HSV | 73°, 7%, 82% |
| XYZ | 57.4648, 61.9859, 59.9586 |
| YIQ | 205.5070, 2.7060, -4.9900 |

Conversions

Conversions Part 2

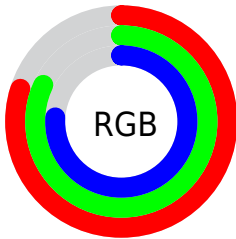
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 208, 197 |
| Decimal | 13488322 |
| CIELab | 82.91, -3.53, 6.60 |
| CIElCh | 83, 7.481, 118.144 |
| Yxy | 61.9859, 0.3203, 0.3455 |
| Android (android.graphics.Color) | 4291678402 (0xFFCDD0C2) |
| YUV | 205.5070, -5.6730, -0.4446 |
| Hunter-Lab | 78.7311, -7.4947, 9.9588 |

Details

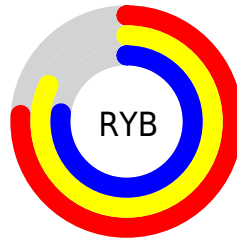
The Yxy color **61.9859, 0.3203, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9970, 0.3048, 0.3122**, and the grayscale version is **61.4249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **31.5840, 0.3228, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **60.4901, 0.3317, 0.3711**, and if you desaturate by 10%, it is **63.6362, 0.3091, 0.3213**.

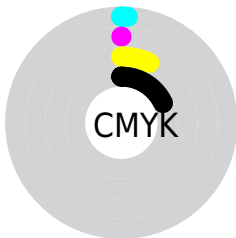
Distribution



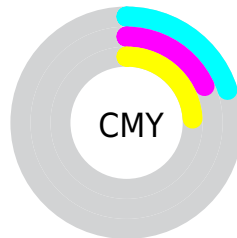
- Red (80%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9859, 0.3203, 0.3455 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 61.9859, 0.3203, 0.3455 by changing the saturation by 10% instead.

■ 61.9859, 0.3203,
0.3455

■ 61.9859, 0.3203,
0.3455

431.8797, 0.3167,
0.3376

■ 45.0213, 0.3211,
0.3474

■ 107.7052, 0.3190,
0.3427

■ 31.4742, 0.3222,
0.3497

137.2286, 0.3186,
0.3416

■ 20.9602, 0.3235,
0.3528

171.7071, 0.3181,
0.3407

■ 13.0949, 0.3253,
0.3569

211.5251, 0.3178,
0.3399

■ 7.4939, 0.3278,
0.3628

257.0670, 0.3175,
0.3392

■ 3.7729, 0.3315,
0.3718

308.7171, 0.3172,

■ 1.5473, 0.3376,

0.3386

366.8598, 0.3169,
0.3381

0.3871

0.3217, 0.4057,
0.5943

0.0000, 0.0000,
0.0000

61.9859, 0.3203,
0.3455

61.9859, 0.3203,
0.3455

60.4901, 0.3317,
0.3711

63.6362, 0.3091,
0.3213

59.1351, 0.3430,
0.3975

65.4382, 0.2984,
0.2988

57.9177, 0.3538,
0.4242

67.3104, 0.2891,
0.2794

56.8315, 0.3637,
0.4501

68.0128, 0.2922,
0.2799

■ 55.8697, 0.3719,
0.4741

■ 68.7341, 0.2953,
0.2803

■ 55.0244, 0.3782,
0.4952

■ 69.4744, 0.2984,
0.2808

■ 54.2870, 0.3820,
0.5125

■ 70.2339, 0.3016,
0.2812

■ 53.6474, 0.3832,
0.5251

■ 71.0126, 0.3048,
0.2817

■ 53.0926, 0.3820,
0.5332

■ 71.8108, 0.3079,
0.2821

Harmonies

Analogous

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



61.9859, 0.3279, 0.3444



61.9859, 0.3203, 0.3455



61.9859, 0.3108, 0.3421

Triad

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



61.9859, 0.3203, 0.3455



61.9859, 0.2944, 0.3185



61.9859, 0.3236, 0.3231

Complementary

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



61.9859, 0.3203, 0.3455



54.9970, 0.3048, 0.3122

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.



61.9859, 0.3144, 0.3165



61.9859, 0.3203, 0.3455



61.9859, 0.2977, 0.3137

Square

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



61.9859, 0.3203, 0.3455



61.9859, 0.2959, 0.3263



61.9859, 0.3050, 0.3130



61.9859, 0.3298, 0.3314

Rectangle

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



61.9859, 0.3203, 0.3455



61.9859, 0.3046, 0.3376



61.9859, 0.3050, 0.3130



61.9859, 0.3207, 0.3206

Sweetspot

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



61.9886, 0.3203, 0.3455



99.4680, 0.3150, 0.3339



57.1389, 0.3238, 0.3323



21.2958, 0.3149, 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.



61.9886, 0.3203, 0.3455



97.9306, 0.3218, 0.3489



61.0424, 0.3151, 0.3458



13.6637, 0.3233, 0.3522



33.0237, 0.3819, 0.5349



1.8792, 0.3892, 0.5292

Inverse Universe

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



54.9970, 0.3048, 0.3122



84.7581, 0.3032, 0.3087



55.9359, 0.3102, 0.3125



11.5387, 0.3015, 0.3052



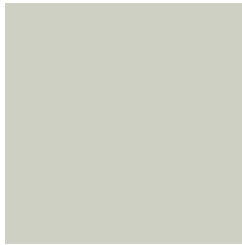
3.2184, 0.1617, 0.0664



0.2155, 0.1799, 0.0765

Previews

White Background



This preview shows how the Yxy color 61.9859, 0.3203, 0.3455 looks on a white background.

Color Contrast Check

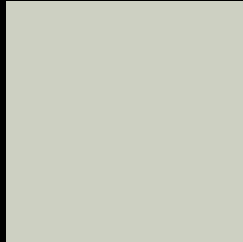
Large Text (above 18pt) WCAG AA × Fail

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 61.9859, 0.3203, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

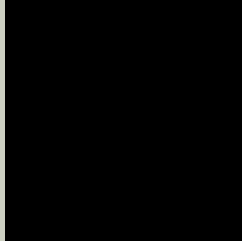
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

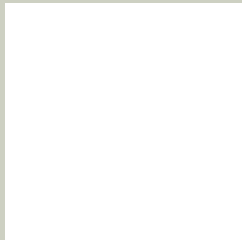
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9859, 0.3203, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 61.9859, 0.3203, 0.3455.



This preview shows how white text looks on a background with the Yxy color 61.9859, 0.3203, 0.3455.

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

61.9859, 0.3203, 0.3455

Protanopia

62.1390, 0.3274, 0.3441

Deuteranopia

61.6554, 0.3398, 0.3324



Tritanopia

61.9083, 0.3053, 0.3108

Trichromacy



Original Color

61.9859, 0.3203, 0.3455

Protanomaly

62.1775, 0.3250, 0.3453

Deuteranomaly

61.5533, 0.3328, 0.3370

Tritanomaly

61.7757, 0.3108, 0.3221

Monochromacy



Original Color

61.9859, 0.3203, 0.3455

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0117, 0.3155, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9859, 0.3203, 0.3455 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(205, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 194)  
}
```

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(205, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 194) }
```

Border

The CSS property to change the border of an element to Yxy 61.9859, 0.3203, 0.3455 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(205, 208, 194) }
```

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

```
.border{ border-color:rgb(205, 208, 194) }
```

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

Here you see how a box with a 4 pixel rgb(205, 208, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9859, 0.3203, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 194) }
```

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

```
.background{ background-color: rgb(205,  
208, 194) }
```

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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