

Converting Colors

Yxy(61.1624, 0.3176, 0.3415)

Have a look what the booklet for
Yxy(61.1624, 0.3176, 0.3415)
contains.

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Color

Yxy(61.3077, 0.3174, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	CBCFC4
RGB	203, 207, 196
RGB Percent	80%, 81%, 77%
CMY	0.2041, 0.1882, 0.2314
CMYK	0.02, 0.00, 0.05, 0.19
HSL	82°, 10%, 79%
HSV	82°, 5%, 81%
XYZ	56.8978, 61.3077, 61.0567
YIQ	204.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

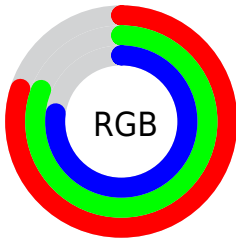
Format	Color
RYB	196, 207, 200
Decimal	13356996
CIELab	82.54, -3.36, 4.98
CIELCh	83, 6.007, 124.046
Yxy	61.3077, 0.3174, 0.3420
Android (android.graphics.Color)	4291547076 (0xFFCBCFC4)
YUV	204.5500, -4.2151, -1.3593
Hunter-Lab	78.2992, -7.3127, 8.5759

Details

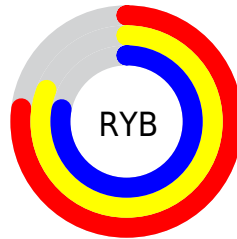
The Yxy color **61.3077, 0.3174, 0.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2701, 0.3079, 0.3159**, and the grayscale version is **60.7748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **31.1250, 0.3190, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **59.3899, 0.3263, 0.3678**, and if you desaturate by 10%, it is **63.4133, 0.3087, 0.3180**.

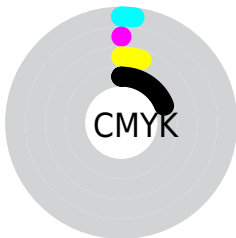
Distribution



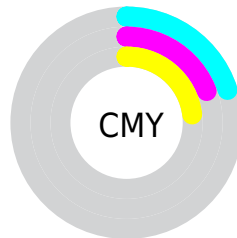
- Red (80%)
- Green (81%)
- Blue (77%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3077, 0.3174, 0.3420 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 61.3077, 0.3174, 0.3420 by changing the saturation by 10% instead.

■ 61.3077, 0.3174,
0.3420

■ 61.3077, 0.3174,
0.3420

429.4013, 0.3152,
0.3358

■ 44.4735, 0.3179,
0.3435

106.7243, 0.3166,
0.3398

■ 31.0430, 0.3186,
0.3454

136.0756, 0.3163,
0.3389

■ 20.6316, 0.3194,
0.3478

170.3680, 0.3161,
0.3382

■ 12.8550, 0.3205,
0.3511

209.9860, 0.3158,
0.3376

■ 7.3287, 0.3221,
0.3557

255.3139, 0.3156,
0.3370

■ 3.6685, 0.3244,
0.3629

306.7362, 0.3155,

■ 1.4899, 0.3281,

0.3366

364.6372, 0.3153,
0.3361

0.3752

0.2816, 0.3972,
0.6028

0.0000, 0.0000,
0.0000

61.3077, 0.3174,
0.3420

61.3077, 0.3174,
0.3420

59.3899, 0.3263,
0.3678

63.4133, 0.3087,
0.3180

57.6460, 0.3350,
0.3951

65.7044, 0.3002,
0.2961

56.0720, 0.3432,
0.4232

67.9877, 0.2942,
0.2791

54.6613, 0.3505,
0.4514

69.2435, 0.2995,
0.2799

■ 53.4063, 0.3563,
0.4784

■ 70.5545, 0.3049,
0.2807

■ 52.2989, 0.3602,
0.5031

■ 71.9214, 0.3103,
0.2815

■ 51.3300, 0.3618,
0.5240

■ 73.1131, 0.3149,
0.2821

■ 50.4892, 0.3610,
0.5403

■ 49.7639, 0.3578,
0.5515

Harmonies

Analogous

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



61.3077, 0.3239, 0.3418



61.3077, 0.3174, 0.3420



61.3077, 0.3097, 0.3386

Triad

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



61.3077, 0.3174, 0.3420



61.3077, 0.2982, 0.3196



61.3077, 0.3227, 0.3255

Complementary

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



61.3077, 0.3174, 0.3420



56.2701, 0.3079, 0.3159

Split Complementary

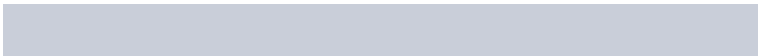
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.3077, 0.3157, 0.3198



61.3077, 0.3174, 0.3420



61.3077, 0.3015, 0.3163

Square

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



61.3077, 0.3174, 0.3420



61.3077, 0.2986, 0.3255



61.3077, 0.3079, 0.3164



61.3077, 0.3270, 0.3323

Rectangle

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



61.3077, 0.3174, 0.3420



61.3077, 0.3049, 0.3347



61.3077, 0.3079, 0.3164



61.3077, 0.3206, 0.3234

Sweetspot

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



61.3103, 0.3174, 0.3420



99.3221, 0.3145, 0.3339



58.5788, 0.3212, 0.3338



21.2662, 0.3144, 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.



61.3103, 0.3174, 0.3420



98.0027, 0.3181, 0.3439



60.5519, 0.3132, 0.3422



13.6958, 0.3185, 0.3452



31.2082, 0.3567, 0.5550



1.7892, 0.3683, 0.5458

Inverse Universe

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



56.2701, 0.3079, 0.3159



88.8342, 0.3071, 0.3140



57.0413, 0.3122, 0.3161



12.3077, 0.3066, 0.3127



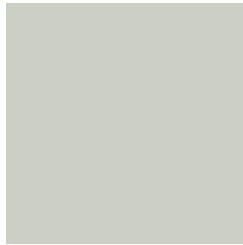
3.8575, 0.1801, 0.0766



0.2602, 0.2011, 0.0881

Previews

White Background



This preview shows how the Yxy color 61.3077, 0.3174, 0.3420 looks on a white background.

Color Contrast Check

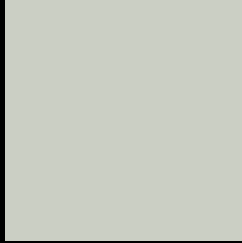
Large Text (above 18pt) WCAG AA × Fail

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 61.3077, 0.3174, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

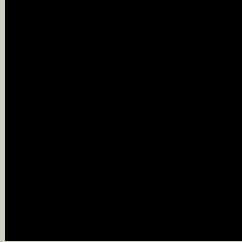
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

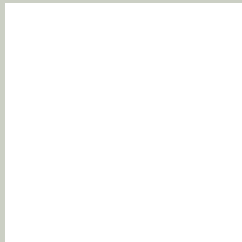
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3077, 0.3174, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 61.3077, 0.3174, 0.3420.



This preview shows how white text looks on a background with the Yxy color 61.3077, 0.3174, 0.3420.

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

61.3077, 0.3174, 0.3420

Protanopia

60.9747, 0.3246, 0.3395

Deuteranopia

60.9594, 0.3368, 0.3291



Tritanopia

61.1446, 0.3038, 0.3096

Trichromacy



Original Color

61.3077, 0.3174, 0.3420

Protanomaly

61.0127, 0.3222, 0.3407

Deuteranomaly

60.8646, 0.3298, 0.3336

Tritanomaly

61.0107, 0.3093, 0.3209

Monochromacy



Original Color

61.3077, 0.3174, 0.3420

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2443, 0.3140, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3077, 0.3174, 0.3420 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(203, 207, 196)` looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 196)  
}
```

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(203, 207, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 196) }
```

Border

The CSS property to change the border of an element to Yxy 61.3077, 0.3174, 0.3420 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(203, 207, 196) }
```

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

```
.border{ border-color:rgb(203, 207, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 207, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 196);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3077, 0.3174, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 196) }
```

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

```
.background{ background-color: rgb(203,  
207, 196) }
```

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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