

Converting Colors

$Yxy(63.3192, 0.3101, 0.3482)$

Have a look what the booklet for
Yxy(63.3192, 0.3101, 0.3482)
contains.

Yxy(63.2218, 0.3104, 0.3480)	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(63.2218, 0.3104, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5C5
RGB	195, 213, 197
RGB Percent	76%, 84%, 77%
CMY	0.2350, 0.1648, 0.2274
CMYK	0.08, 0.00, 0.08, 0.16
HSL	127°, 18%, 80%
HSV	127°, 8%, 84%
XYZ	56.3909, 63.2218, 62.0591
YIQ	205.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

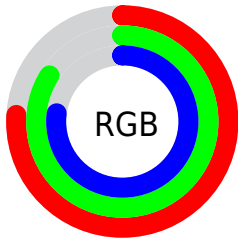
Format	Color
RYB	195, 211, 213
Decimal	12834245
CIELab	83.56, -8.99, 5.83
CIELCh	84, 10.718, 147.047
Yxy	63.2218, 0.3104, 0.3480
Android (android.graphics.Color)	4291024325 (0xFFC3D5C5)
YUV	205.7940, -4.3354, -9.4663
Hunter-Lab	79.5121, -12.5520, 9.3827

Details

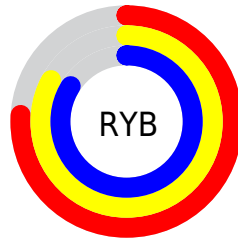
The Yxy color **63.2218, 0.3104, 0.3480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9089, 0.3151, 0.3107**, and the grayscale version is **61.6218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3712, 0.3114, 0.3300**, and **32.0996, 0.3097, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **59.7692, 0.3076, 0.3734**, and if you desaturate by 10%, it is **67.1942, 0.3131, 0.3257**.

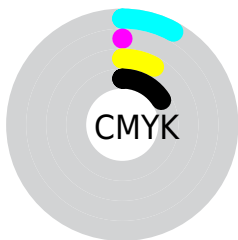
Distribution



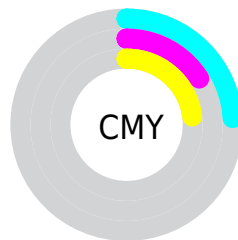
- Red (76%)
- Green (84%)
- Blue (77%)



- Red (76%)
- Yellow (83%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2218, 0.3104, 0.3480 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 63.2218, 0.3104, 0.3480 by changing the saturation by 10% instead.

63.2218, 0.3104,
0.3480

63.2218, 0.3104,
0.3480

436.3740, 0.3116,
0.3389

46.0207, 0.3101,
0.3502

109.4894, 0.3108,
0.3448

32.2621, 0.3097,
0.3529

139.3247, 0.3110,
0.3435

21.5618, 0.3092,
0.3565

174.1402, 0.3111,
0.3425

13.5353, 0.3086,
0.3613

214.3202, 0.3112,
0.3415

7.7982, 0.3076,
0.3682

260.2492, 0.3113,
0.3407

3.9661, 0.3059,
0.3787

312.3116, 0.3114,

1.6546, 0.3029,

0.3400

0.3969

370.8917, 0.3115,
0.3394

0.3940, 0.2717,
0.6908

0.0000, 0.0000,
0.0000

63.2218, 0.3104,
0.3480

63.2218, 0.3104,
0.3480

59.7692, 0.3076,
0.3734

67.1942, 0.3131,
0.3257

56.8071, 0.3047,
0.4017

71.6982, 0.3157,
0.3062

54.3157, 0.3020,
0.4326

75.9961, 0.3153,
0.2890

52.2707, 0.2996,
0.4652

76.0621, 0.3146,
0.2881

■ 50.6455, 0.2977,
0.4981

■ 49.4108, 0.2965,
0.5291

■ 48.5336, 0.2962,
0.5563

■ 47.9749, 0.2968,
0.5774

■ 47.6790, 0.2979,
0.5914

Harmonies

Analogous

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



63.2218, 0.3239, 0.3527



63.2218, 0.3104, 0.3480



63.2218, 0.2977, 0.3379

Triad

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



63.2218, 0.3104, 0.3480



63.2218, 0.2911, 0.3075



63.2218, 0.3369, 0.3318

Complementary

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



63.2218, 0.3104, 0.3480



57.9089, 0.3151, 0.3107

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.



63.2218, 0.3277, 0.3202



63.2218, 0.3104, 0.3480



63.2218, 0.3012, 0.3064

Square

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



63.2218, 0.3104, 0.3480



63.2218, 0.2868, 0.3143



63.2218, 0.3146, 0.3110



63.2218, 0.3394, 0.3429

Rectangle

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



63.2218, 0.3104, 0.3480



63.2218, 0.2914, 0.3296



63.2218, 0.3146, 0.3110



63.2218, 0.3345, 0.3278

Sweetspot

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



63.2245, 0.3104, 0.3480



98.1463, 0.3119, 0.3356



65.4028, 0.3238, 0.3496



20.9040, 0.3117, 0.3374



0.0000, 0.0000, 0.0000



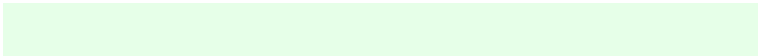
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2245, 0.3104, 0.3480



94.1018, 0.3099, 0.3521



63.6402, 0.3045, 0.3374



13.9177, 0.3101, 0.3504



29.1146, 0.2977, 0.5917



1.7636, 0.2917, 0.5700

Inverse Universe

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



57.9089, 0.3151, 0.3107



84.6188, 0.3156, 0.3070



57.4790, 0.3217, 0.3207



12.6084, 0.3154, 0.3085



10.9183, 0.3501, 0.1702



0.6653, 0.3444, 0.1671

Previews

White Background



This preview shows how the Yxy color 63.2218, 0.3104, 0.3480 looks on a white background.

Color Contrast Check

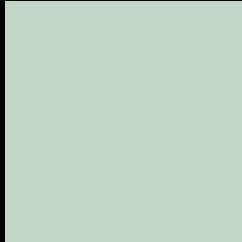
Large Text (above 18pt) WCAG AA × Fail

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 63.2218, 0.3104, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

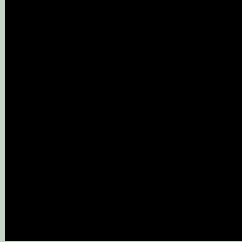
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

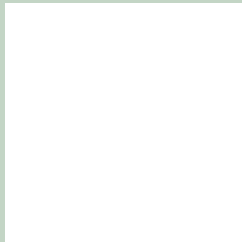
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2218, 0.3104, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 63.2218, 0.3104, 0.3480.



This preview shows how white text looks on a background with the Yxy color 63.2218, 0.3104, 0.3480.

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

63.2218, 0.3104, 0.3480

Protanopia

62.9678, 0.3282, 0.3440

Deuteranopia

62.8857, 0.3379, 0.3313



Tritanopia

63.3165, 0.2954, 0.3107

Trichromacy



Original Color

63.2218, 0.3104, 0.3480

Protanomaly

62.9510, 0.3218, 0.3453

Deuteranomaly

62.6453, 0.3278, 0.3370

Tritanomaly

63.0053, 0.3006, 0.3232

Monochromacy



Original Color

63.2218, 0.3104, 0.3480

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.4693, 0.3116, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2218, 0.3104, 0.3480 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(195, 213, 197)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 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(195, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 197) }
```

Border

The CSS property to change the border of an element to Yxy 63.2218, 0.3104, 0.3480 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(195, 213, 197) }
```

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

```
.border{ border-color:rgb(195, 213, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 197);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2218, 0.3104, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 197) }
```

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

```
.background{ background-color: rgb(195,  
213, 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](#).

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