

Converting Colors

$Yxy(63.3998, 0.3086, 0.3453)$

Have a look what the booklet for
Yxy(63.3998, 0.3086, 0.3453)
contains.

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Color

Yxy(63.3141, 0.3090, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5C7
RGB	195, 213, 199
RGB Percent	76%, 84%, 78%
CMY	0.2353, 0.1647, 0.2196
CMYK	0.08, 0.00, 0.07, 0.16
HSL	133°, 18%, 80%
HSV	133°, 8%, 84%
XYZ	56.6090, 63.3141, 63.2775
YIQ	206.0220, -6.2340, -8.1700

Conversions

Conversions Part 2

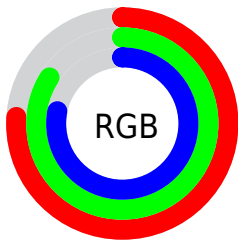
Format	Color
RYB	195, 210, 213
Decimal	12834247
CIELab	83.61, -8.66, 4.84
CIELCh	84, 9.920, 150.827
Yxy	63.3141, 0.3090, 0.3456
Android (android.graphics.Color)	4291024327 (0xFFC3D5C7)
YUV	206.0220, -3.4618, -9.6663
Hunter-Lab	79.5702, -12.2567, 8.5493

Details

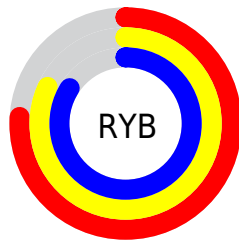
The Yxy color **63.3141, 0.3090, 0.3456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7785, 0.3167, 0.3129**, and the grayscale version is **61.7634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.1608, 0.3079, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **59.9514, 0.3046, 0.3676**, and if you desaturate by 10%, it is **67.1705, 0.3134, 0.3262**.

Distribution



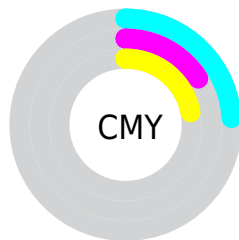
- Red (76%)
- Green (84%)
- Blue (78%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3141, 0.3090, 0.3456 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 63.3141, 0.3090, 0.3456 by changing the saturation by 10% instead.

63.3141, 0.3090,
0.3456

63.3141, 0.3090,
0.3456

436.7085, 0.3108,
0.3376

46.0954, 0.3086,
0.3475

109.6225, 0.3096,
0.3428

32.3211, 0.3080,
0.3499

139.4810, 0.3099,
0.3417

21.6069, 0.3073,
0.3530

174.3215, 0.3101,
0.3408

13.5683, 0.3063,
0.3572

214.5285, 0.3103,
0.3400

7.8210, 0.3049,
0.3631

260.4863, 0.3104,
0.3393

3.9807, 0.3026,
0.3722

312.5793, 0.3106,

1.6627, 0.2986,

0.3387

0.3880

371.1919, 0.3107,
0.3381

0.3994, 0.2531,
0.6012

0.0000, 0.0000,
0.0000

63.3141, 0.3090,
0.3456

63.3141, 0.3090,
0.3456

59.9514, 0.3046,
0.3676

67.1705, 0.3134,
0.3262

57.0547, 0.3003,
0.3921

71.5311, 0.3176,
0.3091

54.6055, 0.2964,
0.4190

75.6694, 0.3189,
0.2940

52.5812, 0.2930,
0.4476

76.0710, 0.3146,
0.2881

■ 50.9571, 0.2906,
0.4771

■ 49.7058, 0.2893,
0.5062

■ 48.7965, 0.2894,
0.5332

■ 48.1932, 0.2908,
0.5565

■ 47.8431, 0.2933,
0.5748

Harmonies

Analogous

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



63.3141, 0.3216, 0.3507



63.3141, 0.3090, 0.3456



63.3141, 0.2976, 0.3358

Triad

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



63.3141, 0.3090, 0.3456



63.3141, 0.2936, 0.3086



63.3141, 0.3357, 0.3330

Complementary

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



63.3141, 0.3090, 0.3456



57.7785, 0.3167, 0.3129

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.



63.3141, 0.3279, 0.3222



63.3141, 0.3090, 0.3456



63.3141, 0.3036, 0.3083

Square

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



63.3141, 0.3090, 0.3456



63.3141, 0.2888, 0.3144



63.3141, 0.3161, 0.3132



63.3141, 0.3372, 0.3430

Rectangle

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



63.3141, 0.3090, 0.3456



63.3141, 0.2921, 0.3281



63.3141, 0.3161, 0.3132



63.3141, 0.3337, 0.3293

Sweetspot

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



63.3168, 0.3090, 0.3456



98.2009, 0.3114, 0.3347



65.1013, 0.3222, 0.3498



20.9186, 0.3110, 0.3363



0.0000, 0.0000, 0.0000



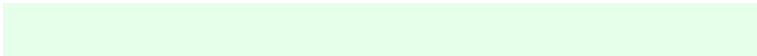
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3168, 0.3090, 0.3456



94.2694, 0.3083, 0.3491



63.7419, 0.3031, 0.3350



13.9409, 0.3086, 0.3476



29.2098, 0.2931, 0.5751



1.7745, 0.2838, 0.5418

Inverse Universe

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



57.7785, 0.3167, 0.3129



84.4348, 0.3175, 0.3097



57.3504, 0.3234, 0.3231



12.5831, 0.3171, 0.3111



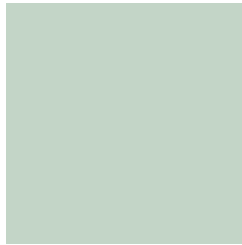
10.3274, 0.3864, 0.1902



0.6348, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 63.3141, 0.3090, 0.3456 looks on a white background.

Color Contrast Check

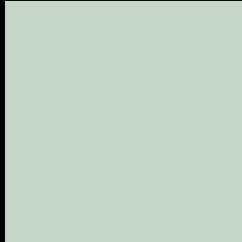
Large Text (above 18pt) WCAG AA × Fail

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 63.3141, 0.3090, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

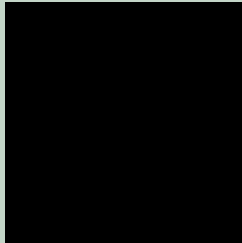
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

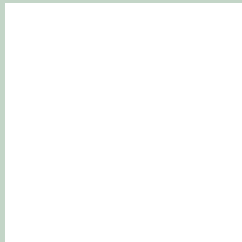
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3141, 0.3090, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 63.3141, 0.3090, 0.3456.



This preview shows how white text looks on a background with the Yxy color 63.3141, 0.3090, 0.3456.

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

63.3141, 0.3090, 0.3456

Protanopia

63.0582, 0.3267, 0.3416

Deuteranopia

62.9793, 0.3364, 0.3291



Tritanopia

63.2340, 0.2941, 0.3095

Trichromacy



Original Color

63.3141, 0.3090, 0.3456

Protanomaly

63.0420, 0.3204, 0.3430

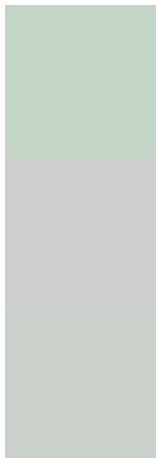
Deuteranomaly

62.7382, 0.3263, 0.3347

Tritanomaly

63.0568, 0.2999, 0.3220

Monochromacy



Original Color

63.3141, 0.3090, 0.3456

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 63.3141, 0.3090, 0.3456 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 199) }
```

Border

The CSS property to change the border of an element to Yxy 63.3141, 0.3090, 0.3456 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, 199) }
```

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

```
.border{ border-color:rgb(195, 213, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 199);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3141, 0.3090, 0.3456 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, 199) }
```

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

```
.background{ background-color: rgb(195,  
213, 199) }
```

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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