

Converting Colors

Yxy(62.2585, 0.3074, 0.3321)

Have a look what the booklet for
Yxy(62.2585, 0.3074, 0.3321)
contains.

Yxy(62.1993, 0.3074, 0.3325)	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(62.1993, 0.3074, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	C7D1CE
RGB	199, 209, 206
RGB Percent	78%, 82%, 81%
CMY	0.2194, 0.1804, 0.1922
CMYK	0.05, 0.00, 0.01, 0.18
HSL	162°, 10%, 80%
HSV	162°, 5%, 82%
XYZ	57.5040, 62.1993, 67.3623
YIQ	205.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

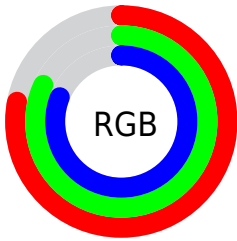
Format	Color
R _Y B	199, 205, 209
Decimal	13095374
CIE Lab	83.02, -3.92, 0.30
CIE LCh	83, 3.933, 175.555
Yxy	62.1993, 0.3074, 0.3325
Android (android.graphics.Color)	4291285454 (0xFFC7D1CE)
YUV	205.6680, 0.1637, -5.8478
Hunter-Lab	78.8665, -7.8667, 4.5652

Details

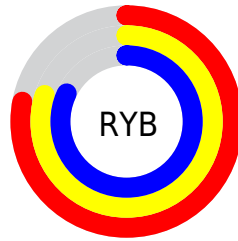
The Yxy color **62.1993, 0.3074, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6927, 0.3183, 0.3255**, and the grayscale version is **61.5056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7294, 0.3057, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **59.2354, 0.2965, 0.3405**, and if you desaturate by 10%, it is **65.5734, 0.3186, 0.3253**.

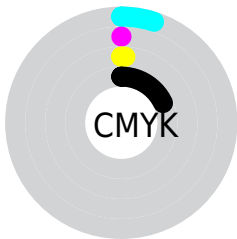
Distribution



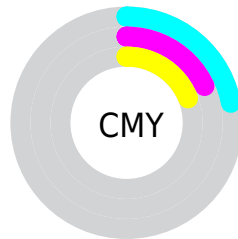
- Red (78%)
- Green (82%)
- Blue (81%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1993, 0.3074, 0.3325 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 62.1993, 0.3074, 0.3325 by changing the saturation by 10% instead.

■ 62.1993, 0.3074,
0.3325

■ 62.1993, 0.3074,
0.3325

432.6577, 0.3099,
0.3308

■ 45.1938, 0.3068,
0.3329

108.0135, 0.3083,
0.3319

■ 31.6101, 0.3061,
0.3334

137.5910, 0.3086,
0.3317

■ 21.0638, 0.3051,
0.3340

172.1279, 0.3089,
0.3315

■ 13.1707, 0.3038,
0.3349

212.0086, 0.3092,
0.3313

■ 7.5462, 0.3020,
0.3361

257.6176, 0.3094,
0.3312

■ 3.8060, 0.2992,
0.3379

309.3391, 0.3096,

■ 1.5656, 0.2945,

0.3311

0.3410

367.5577, 0.3098,
0.3309

0.3343, 0.2469,
0.3719

0.0000, 0.0000,
0.0000

62.1993, 0.3074,
0.3325

62.1993, 0.3074,
0.3325

59.2354, 0.2965,
0.3405

65.5734, 0.3186,
0.3253

56.6578, 0.2861,
0.3492

69.3649, 0.3300,
0.3190

54.4519, 0.2766,
0.3587

72.2876, 0.3361,
0.3130

52.5994, 0.2682,
0.3689

72.6379, 0.3315,
0.3068

■ 51.0802, 0.2613,
0.3797

■ 73.0011, 0.3270,
0.3006

■ 49.8722, 0.2561,
0.3909

■ 73.3772, 0.3225,
0.2946

■ 48.9506, 0.2529,
0.4024

■ 73.7664, 0.3182,
0.2886

■ 48.2867, 0.2516,
0.4139

■ 74.0764, 0.3148,
0.2841

■ 47.8454, 0.2523,
0.4253

Harmonies

Analogous

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



62.1993, 0.3122, 0.3360



62.1993, 0.3074, 0.3325



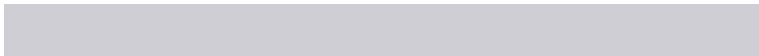
62.1993, 0.3041, 0.3280

Triad

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



62.1993, 0.3074, 0.3325



62.1993, 0.3083, 0.3205



62.1993, 0.3225, 0.3341

Complementary

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



62.1993, 0.3074, 0.3325



58.6927, 0.3183, 0.3255

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.



62.1993, 0.3215, 0.3299



62.1993, 0.3074, 0.3325



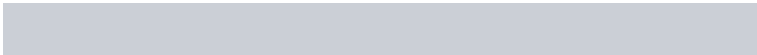
62.1993, 0.3132, 0.3221

Square

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



62.1993, 0.3074, 0.3325



62.1993, 0.3046, 0.3211



62.1993, 0.3180, 0.3256



62.1993, 0.3209, 0.3369

Rectangle

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



62.1993, 0.3074, 0.3325



62.1993, 0.3031, 0.3251



62.1993, 0.3180, 0.3256



62.1993, 0.3225, 0.3328

Sweetspot

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



62.2019, 0.3074, 0.3325



99.4701, 0.3116, 0.3297



62.3071, 0.3145, 0.3407



21.2963, 0.3116, 0.3297



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.



62.2019, 0.3074, 0.3325



96.9191, 0.3059, 0.3335



61.4603, 0.3054, 0.3268



13.5320, 0.3054, 0.3339



29.4130, 0.2527, 0.4296



1.6583, 0.2469, 0.4088

Inverse Universe

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



58.6927, 0.3183, 0.3255



89.9545, 0.3200, 0.3245



59.3957, 0.3204, 0.3311



12.4776, 0.3206, 0.3242



8.5948, 0.5740, 0.2936



0.4946, 0.5209, 0.2643

Previews

White Background



This preview shows how the Yxy color 62.1993, 0.3074, 0.3325 looks on a white background.

Color Contrast Check

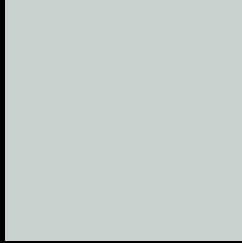
Large Text (above 18pt) WCAG AA × Fail

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 62.1993, 0.3074, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

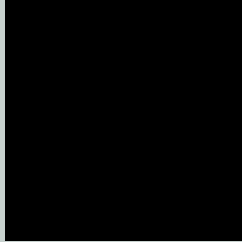
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

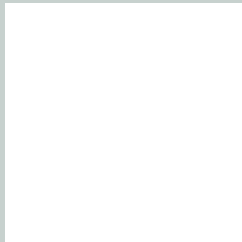
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1993, 0.3074, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 62.1993, 0.3074, 0.3325.



This preview shows how white text looks on a background with the Yxy color 62.1993, 0.3074, 0.3325.

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

62.1993, 0.3074, 0.3325

Protanopia

62.3511, 0.3179, 0.3313

Deuteranopia

62.0314, 0.3273, 0.3202



Tritanopia

62.0269, 0.2981, 0.3095

Trichromacy



Original Color

62.1993, 0.3074, 0.3325

Protanomaly

62.2988, 0.3141, 0.3313

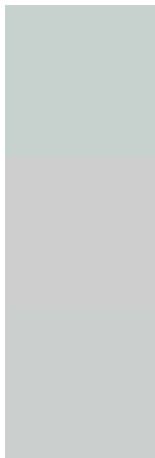
Deuteranomaly

61.8158, 0.3199, 0.3245

Tritanomaly

62.0529, 0.3014, 0.3174

Monochromacy



Original Color

62.1993, 0.3074, 0.3325

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7784, 0.3104, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1993, 0.3074, 0.3325 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(199, 209, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 209, 206)  
}
```

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(199, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 209, 206) }
```

Border

The CSS property to change the border of an element to Yxy 62.1993, 0.3074, 0.3325 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(199, 209, 206) }
```

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

```
.border{ border-color:rgb(199, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 209, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 209, 206);  
box-shadow:4px 4px 4px 4px rgb(199, 209,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1993, 0.3074, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 209, 206) }
```

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

```
.background{ background-color: rgb(199,  
209, 206) }
```

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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