

Converting Colors

Yxy(61.3168, 0.3125, 0.3338)

Have a look what the booklet for
Yxy(61.3168, 0.3125, 0.3338)
contains.

Yxy(61.4465, 0.3124, 0.3349)	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(61.4465, 0.3124, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	CACFCA
RGB	202, 207, 202
RGB Percent	79%, 81%, 79%
CMY	0.2081, 0.1881, 0.2079
CMYK	0.02, 0.00, 0.02, 0.19
HSL	121°, 5%, 80%
HSV	121°, 2%, 81%
XYZ	57.3183, 61.4465, 64.7124
YIQ	204.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

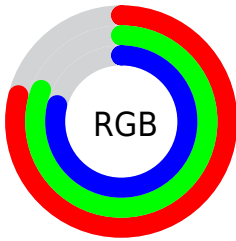
Format	Color
R _Y B	202, 207, 207
Decimal	13291466
CIE Lab	82.62, -2.65, 1.88
CIE LCh	83, 3.247, 144.659
Yxy	61.4465, 0.3124, 0.3349
Android (android.graphics.Color)	4291481546 (0xFFCACFCA)
YUV	204.9350, -1.4470, -2.5740
Hunter-Lab	78.3878, -6.6570, 5.9251

Details

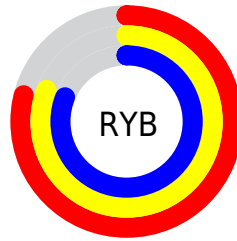
The Yxy color **61.4465, 0.3124, 0.3349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9864, 0.3130, 0.3232**, and the grayscale version is **61.0131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2165, 0.3123, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **57.8463, 0.3110, 0.3611**, and if you desaturate by 10%, it is **65.5682, 0.3136, 0.3121**.

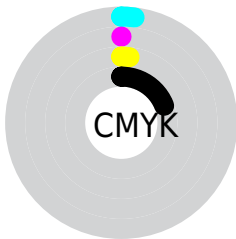
Distribution



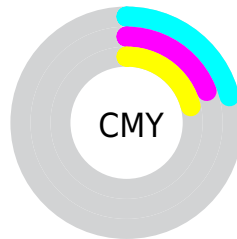
- Red (79%)
- Green (81%)
- Blue (79%)



- Red (79%)
- Yellow (81%)
- Blue (81%)



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



- Cyan (21%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4465, 0.3124, 0.3349 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 61.4465, 0.3124, 0.3349 by changing the saturation by 10% instead.

■ 61.4465, 0.3124,
0.3349

■ 61.4465, 0.3124,
0.3349

429.9092, 0.3126,
0.3321

■ 44.5856, 0.3124,
0.3356

106.9252, 0.3125,
0.3339

■ 31.1312, 0.3123,
0.3364

136.3117, 0.3125,
0.3335

■ 20.6987, 0.3122,
0.3375

170.6423, 0.3125,
0.3332

■ 12.9040, 0.3122,
0.3390

210.3013, 0.3125,
0.3329

■ 7.3625, 0.3120,
0.3410

255.6731, 0.3125,
0.3327

■ 3.6898, 0.3118,
0.3442

307.1421, 0.3125,

■ 1.5016, 0.3114,

0.3324

365.0927, 0.3126,
0.3323

0.3497

0.2899, 0.3078,
0.4231

0.0000, 0.0000,
0.0000

61.4465, 0.3124,
0.3349

61.4465, 0.3124,
0.3349

57.8463, 0.3110,
0.3611

65.5682, 0.3136,
0.3121

54.7394, 0.3095,
0.3907

70.2226, 0.3147,
0.2924

52.1067, 0.3078,
0.4234

73.1165, 0.3149,
0.2821

49.9248, 0.3061,
0.4584

■ 48.1686, 0.3043,
0.4939

■ 46.8101, 0.3028,
0.5278

■ 45.8184, 0.3015,
0.5573

■ 45.1579, 0.3005,
0.5798

■ 44.7857, 0.3001,
0.5938

Harmonies

Analogous

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



61.4465, 0.3165, 0.3362



61.4465, 0.3124, 0.3349



61.4465, 0.3084, 0.3320

Triad

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



61.4465, 0.3124, 0.3349



61.4465, 0.3059, 0.3225



61.4465, 0.3199, 0.3297

Complementary

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



61.4465, 0.3124, 0.3349



59.9864, 0.3130, 0.3232

Split Complementary

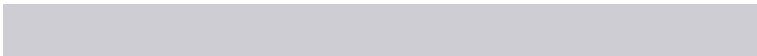
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4465, 0.3170, 0.3261



61.4465, 0.3124, 0.3349



61.4465, 0.3089, 0.3219

Square

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



61.4465, 0.3124, 0.3349



61.4465, 0.3047, 0.3248



61.4465, 0.3130, 0.3232



61.4465, 0.3208, 0.3331

Rectangle

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



61.4465, 0.3124, 0.3349



61.4465, 0.3064, 0.3296



61.4465, 0.3130, 0.3232



61.4465, 0.3191, 0.3284

Sweetspot

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



61.4491, 0.3124, 0.3349



99.3581, 0.3126, 0.3314



62.1667, 0.3163, 0.3349



21.2735, 0.3126, 0.3313



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.



61.4491, 0.3124, 0.3349



98.0997, 0.3123, 0.3363



61.5679, 0.3107, 0.3320



13.6702, 0.3122, 0.3381



28.1199, 0.2998, 0.5993



1.5730, 0.2991, 0.5969

Inverse Universe

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



59.9864, 0.3130, 0.3232



95.2108, 0.3131, 0.3218



59.8657, 0.3148, 0.3261



13.1710, 0.3132, 0.3200



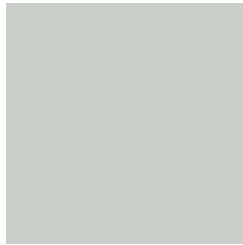
11.1322, 0.3235, 0.1556



0.6231, 0.3230, 0.1553

Previews

White Background



This preview shows how the Yxy color 61.4465, 0.3124, 0.3349 looks on a white background.

Color Contrast Check

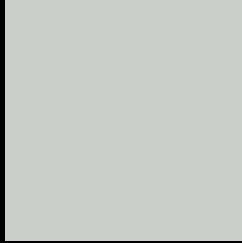
Large Text (above 18pt) WCAG AA × Fail

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 61.4465, 0.3124, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

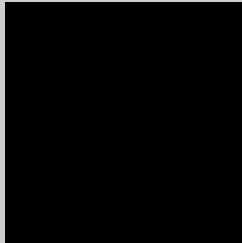
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

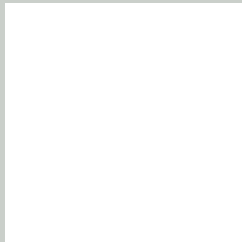
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4465, 0.3124, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 61.4465, 0.3124, 0.3349.



This preview shows how white text looks on a background with the Yxy color 61.4465, 0.3124, 0.3349.

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

61.4465, 0.3124, 0.3349

Protanopia

61.5813, 0.3194, 0.3336

Deuteranopia

61.3752, 0.3304, 0.3235



Tritanopia

61.3322, 0.3023, 0.3107

Trichromacy



Original Color

61.4465, 0.3124, 0.3349

Protanomaly

61.6251, 0.3170, 0.3348

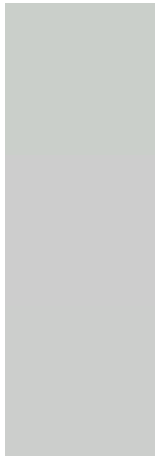
Deuteranomaly

61.3046, 0.3237, 0.3279

Tritanomaly

61.3041, 0.3064, 0.3197

Monochromacy



Original Color

61.4465, 0.3124, 0.3349

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3396, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4465, 0.3124, 0.3349 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(202, 207, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 202)  
}
```

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(202, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 202) }
```

Border

The CSS property to change the border of an element to Yxy 61.4465, 0.3124, 0.3349 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(202, 207, 202) }
```

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

```
.border{ border-color:rgb(202, 207, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4465, 0.3124, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 202) }
```

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

```
.background{ background-color: rgb(202,  
207, 202) }
```

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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