

Converting Colors

$Yxy(61.3891, 0.3177, 0.3316)$

Have a look what the booklet for
Yxy(61.3891, 0.3177, 0.3316)
contains.

Yxy(61.4822, 0.3179, 0.3325)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.4822, 0.3179, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	D1CDCA
RGB	209, 205, 202
RGB Percent	82%, 80%, 79%
CMY	0.1805, 0.1960, 0.2079
CMYK	0.00, 0.02, 0.03, 0.18
HSL	26°, 7%, 81%
HSV	26°, 3%, 82%
XYZ	58.7825, 61.4822, 64.6441
YIQ	205.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

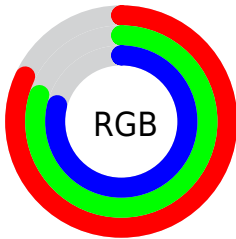
Format	Color
R _Y B	209, 207, 202
Decimal	13749706
CIE Lab	82.64, 0.84, 1.97
CIE LCh	83, 2.140, 66.996
Yxy	61.4822, 0.3179, 0.3325
Android (android.graphics.Color)	4291939786 (0xFFD1CDCA)
YUV	205.8540, -1.9000, 2.7590
Hunter-Lab	78.4106, -3.4014, 6.0069

Details

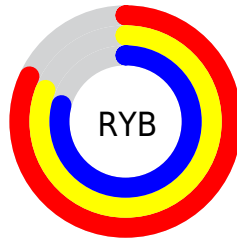
The Yxy color **61.4822, 0.3179, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2878, 0.3076, 0.3255**, and the grayscale version is **61.6340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2399, 0.3196, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **55.0881, 0.3350, 0.3434**, and if you desaturate by 10%, it is **68.4478, 0.3031, 0.3223**.

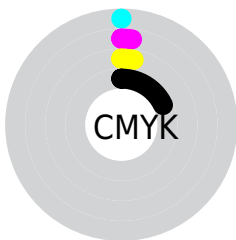
Distribution



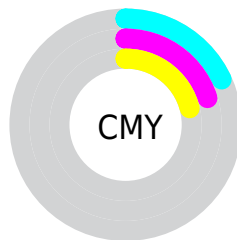
- Red (82%)
- Green (80%)
- Blue (79%)



- Red (82%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4822, 0.3179, 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 61.4822, 0.3179, 0.3325 by changing the saturation by 10% instead.

■ 61.4822, 0.3179,
0.3325

■ 61.4822, 0.3179,
0.3325

430.0398, 0.3154,
0.3308

■ 44.6144, 0.3185,
0.3329

106.9768, 0.3170,
0.3319

■ 31.1538, 0.3192,
0.3334

136.3725, 0.3167,
0.3317

■ 20.7160, 0.3202,
0.3340

170.7128, 0.3164,
0.3315

■ 12.9166, 0.3214,
0.3349

210.3824, 0.3162,
0.3313

■ 7.3711, 0.3232,
0.3360

255.7654, 0.3159,
0.3312

■ 3.6953, 0.3260,
0.3378

307.2464, 0.3157,

■ 1.5046, 0.3306,

0.3311

0.3409

365.2098, 0.3156,
0.3309

0.2920, 0.3869,
0.3791

0.0000, 0.0000,
0.0000

61.4822, 0.3179,
0.3325

61.4822, 0.3179,
0.3325

55.0881, 0.3350,
0.3434

68.4478, 0.3031,
0.3223

49.2426, 0.3548,
0.3550

75.9911, 0.2904,
0.3128

43.9327, 0.3775,
0.3667

83.4884, 0.2847,
0.3140

39.1421, 0.4032,
0.3782

90.7438, 0.2853,
0.3264

■ 34.8535, 0.4315,
0.3887

■ 92.2930, 0.2855,
0.3289

■ 31.0484, 0.4617,
0.3971

■ 27.7069, 0.4925,
0.4021

■ 24.8075, 0.5218,
0.4025

■ 22.3259, 0.5473,
0.3975

Harmonies

Analogous

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



61.4822, 0.3179, 0.3304



61.4822, 0.3179, 0.3325



61.4822, 0.3165, 0.3336

Triad

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



61.4822, 0.3179, 0.3325



61.4822, 0.3090, 0.3300



61.4822, 0.3113, 0.3246

Complementary

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



61.4822, 0.3179, 0.3325



61.2878, 0.3076, 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.



61.4822, 0.3089, 0.3244



61.4822, 0.3179, 0.3325



61.4822, 0.3076, 0.3276

Square

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



61.4822, 0.3179, 0.3325



61.4822, 0.3114, 0.3322



61.4822, 0.3076, 0.3255



61.4822, 0.3141, 0.3259

Rectangle

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



61.4822, 0.3179, 0.3325



61.4822, 0.3150, 0.3337



61.4822, 0.3076, 0.3255



61.4822, 0.3104, 0.3244

Sweetspot

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



61.4849, 0.3179, 0.3325



98.9149, 0.3143, 0.3301



60.2530, 0.3152, 0.3243



21.1833, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



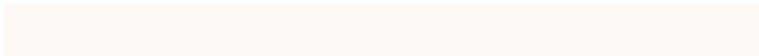
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4849, 0.3179, 0.3325



95.7145, 0.3190, 0.3333



63.1251, 0.3176, 0.3364



13.3029, 0.3201, 0.3340



13.0673, 0.5596, 0.3939



0.8869, 0.5277, 0.4192

Inverse Universe

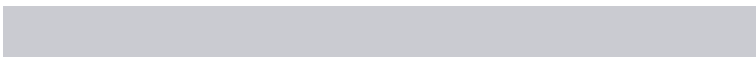
The Inverse Universe completely reimagines the original color for something new.



61.2878, 0.3076, 0.3255



95.3422, 0.3066, 0.3247



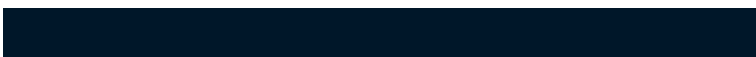
59.6729, 0.3077, 0.3215



13.2425, 0.3055, 0.3240



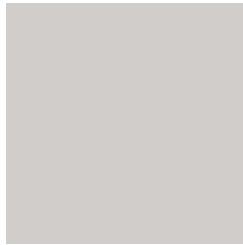
11.1540, 0.1840, 0.1824



0.7797, 0.1922, 0.2119

Previews

White Background



This preview shows how the Yxy color 61.4822, 0.3179, 0.3325 looks on a white background.

Color Contrast Check

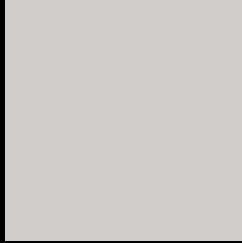
Large Text (above 18pt) WCAG AA × Fail

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 61.4822, 0.3179, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

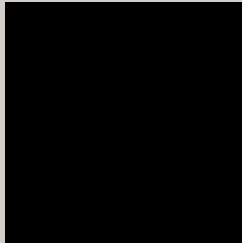
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

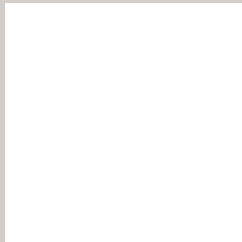
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4822, 0.3179, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 61.4822, 0.3179, 0.3325.

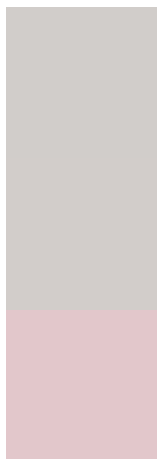


This preview shows how white text looks on a background with the Yxy color 61.4822, 0.3179, 0.3325.

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

61.4822, 0.3179, 0.3325

Protanopia

61.6285, 0.3187, 0.3325

Deuteranopia

61.3274, 0.3312, 0.3246



Tritanopia

61.1519, 0.3082, 0.3108

Trichromacy



Original Color

61.4822, 0.3179, 0.3325

Protanomaly

61.6285, 0.3187, 0.3325

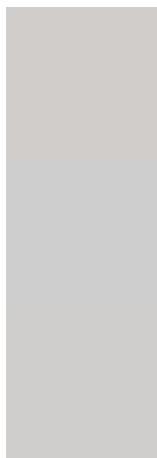
Deuteranomaly

61.3007, 0.3261, 0.3268

Tritanomaly

61.1670, 0.3117, 0.3187

Monochromacy



Original Color

61.4822, 0.3179, 0.3325

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8158, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4822, 0.3179, 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(209, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 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(209, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 202) }
```

Border

The CSS property to change the border of an element to Yxy 61.4822, 0.3179, 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(209, 205, 202) }
```

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

```
.border{ border-color:rgb(209, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4822, 0.3179, 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(209, 205, 202) }
```

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

```
.background{ background-color: rgb(209,  
205, 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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