

Converting Colors

Yxy(62.1629, 0.3349, 0.3415)

Have a look what the booklet for
Yxy(62.1629, 0.3349, 0.3415)
contains.

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Color

Yxy(61.8898, 0.3349, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	DDCBC0
RGB	221, 203, 192
RGB Percent	87%, 80%, 75%
CMY	0.1335, 0.2038, 0.2471
CMYK	0.00, 0.08, 0.13, 0.13
HSL	23°, 30%, 81%
HSV	23°, 13%, 87%
XYZ	60.6759, 61.8898, 58.6105
YIQ	207.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

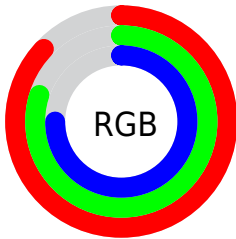
Format	Color
R_{YB}	221, 210, 192
Decimal	14535616
CIE _{Lab}	82.85, 4.42, 7.75
CIE _{LCh}	83, 8.921, 60.267
Yxy	61.8898, 0.3349, 0.3416
Android (android.graphics.Color)	4292725696 (0xFFDDCBC0)
YUV	207.1280, -7.4581, 12.1657
Hunter-Lab	78.6701, -0.0008, 10.8970

Details

The Yxy color **61.8898, 0.3349, 0.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4727, 0.2924, 0.3161**, and the grayscale version is **62.5231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **31.4660, 0.3404, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **54.8078, 0.3551, 0.3518**, and if you desaturate by 10%, it is **69.6942, 0.3176, 0.3319**.

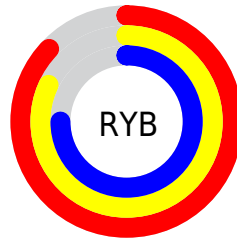
Distribution



Red (87%)

Green (80%)

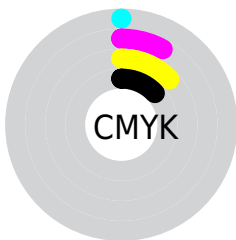
Blue (75%)



Red (87%)

Yellow (82%)

Blue (75%)

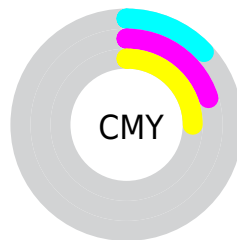


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (13%)



Cyan (13%)


Magenta (20%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8898, 0.3349, 0.3416 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 61.8898, 0.3349, 0.3416 by changing the saturation by 10% instead.


 61.8898, 0.3349,
0.3416

 61.8898, 0.3349,
0.3416


431.5290, 0.3243,
0.3357

 44.9437, 0.3374,
0.3430


 107.5662, 0.3311,
0.3395

 31.4131, 0.3406,
0.3447


137.0653, 0.3297,
0.3387

 20.9136, 0.3447,
0.3469


171.5175, 0.3285,
0.3380

 13.0608, 0.3501,
0.3498

211.3073, 0.3274,
0.3374

 7.4705, 0.3579,
0.3538

256.8189, 0.3265,
0.3369

 3.7580, 0.3696,
0.3596

308.4368, 0.3257,

 1.5391, 0.3894,

0.3365

0.3689

366.5453, 0.3249,
0.3361

0.3160, 0.5637,
0.4363

0.0000, 0.0000,
0.0000

61.8898, 0.3349,
0.3416

61.8898, 0.3349,
0.3416

54.8078, 0.3551,
0.3518

69.6942, 0.3176,
0.3319

48.4186, 0.3786,
0.3623

78.2328, 0.3028,
0.3228

42.7028, 0.4055,
0.3726

87.3152, 0.2920,
0.3178

37.6369, 0.4355,
0.3819

94.1038, 0.2923,
0.3289

■ 33.1957, 0.4680,
0.3891

■ 29.3522, 0.5013,
0.3931

■ 26.0771, 0.5332,
0.3924

■ 23.3375, 0.5608,
0.3865

■ 21.7347, 0.5769,
0.3801

Harmonies

Analogous

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



61.8898, 0.3334, 0.3325



61.8898, 0.3349, 0.3416



61.8898, 0.3303, 0.3476

Triad

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



61.8898, 0.3349, 0.3416



61.8898, 0.2992, 0.3354



61.8898, 0.3042, 0.3102

Complementary

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



61.8898, 0.3349, 0.3416



62.4727, 0.2924, 0.3161

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.



61.8898, 0.2953, 0.3106



61.8898, 0.3349, 0.3416



61.8898, 0.2924, 0.3250

Square

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



61.8898, 0.3349, 0.3416



61.8898, 0.3096, 0.3441



61.8898, 0.2910, 0.3159



61.8898, 0.3156, 0.3146

Rectangle

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



61.8898, 0.3349, 0.3416



61.8898, 0.3245, 0.3489



61.8898, 0.2910, 0.3159



61.8898, 0.3008, 0.3097

Sweetspot

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



61.8925, 0.3349, 0.3416



95.3983, 0.3191, 0.3328



57.7283, 0.3222, 0.3084



20.2379, 0.3203, 0.3335



0.0000, 0.0000, 0.0000



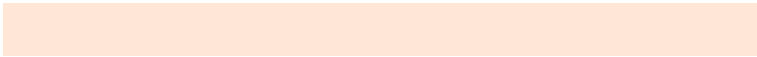
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8925, 0.3349, 0.3416



82.5784, 0.3407, 0.3447



68.8391, 0.3328, 0.3571



13.8608, 0.3282, 0.3380



12.8353, 0.5741, 0.3823



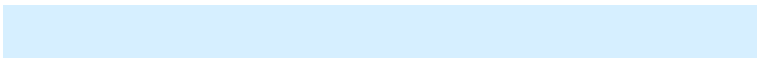
0.9948, 0.5437, 0.4065

Inverse Universe

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



62.4727, 0.2924, 0.3161



83.5446, 0.2877, 0.3128



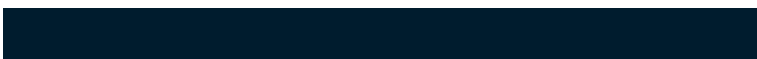
55.8355, 0.2920, 0.2992



13.9526, 0.2982, 0.3199



13.6156, 0.1888, 0.1997



1.0465, 0.1953, 0.2231

Previews

White Background



This preview shows how the Yxy color 61.8898, 0.3349, 0.3416 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 61.8898, 0.3349, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

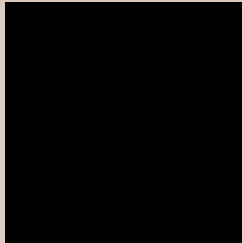
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8898, 0.3349, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 61.8898, 0.3349, 0.3416.

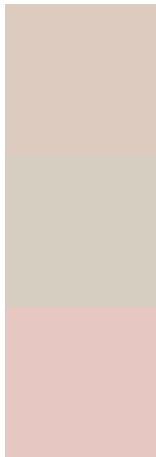


This preview shows how white text looks on a background with the Yxy color 61.8898, 0.3349, 0.3416.

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

61.8898, 0.3349, 0.3416

Protanopia

62.1390, 0.3274, 0.3441

Deuteranopia

61.6860, 0.3429, 0.3357



Tritanopia

62.0621, 0.3205, 0.3124

Trichromacy



Original Color

61.8898, 0.3349, 0.3416

Protanomaly

62.1118, 0.3299, 0.3428

Deuteranomaly

61.4897, 0.3395, 0.3369

Tritanomaly

61.9663, 0.3255, 0.3223

Monochromacy



Original Color

61.8898, 0.3349, 0.3416

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4039, 0.3201, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8898, 0.3349, 0.3416 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(221, 203, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 192)  
}
```

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(221, 203, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 192) }
```

Border

The CSS property to change the border of an element to Yxy 61.8898, 0.3349, 0.3416 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(221, 203, 192) }
```

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

```
.border{ border-color:rgb(221, 203, 192) }
```

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

Here you see how a box with a 4 pixel rgb(221, 203, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 192);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8898, 0.3349, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 192) }
```

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

```
.background{ background-color: rgb(221,  
203, 192) }
```

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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