

Converting Colors

$Yxy(61.5798, 0.3578, 0.4073)$

Have a look what the booklet for
Yxy(61.5798, 0.3578, 0.4073)
contains.

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Color

Yxy(61.5167, 0.3582, 0.4073)

Conversions

Conversions Part 1

Format	Color
Hex	D0D290
RGB	208, 210, 144
RGB Percent	82%, 82%, 56%
CMY	0.1842, 0.1765, 0.4352
CMYK	0.01, 0.00, 0.31, 0.18
HSL	62°, 42%, 69%
HSV	62°, 31%, 82%
XYZ	54.1009, 61.5167, 35.4178
YIQ	201.8780, 19.9940, -20.9500

Conversions

Conversions Part 2

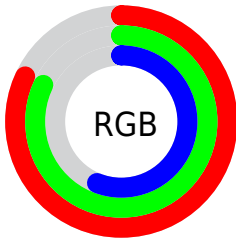
Format	Color
RYB	144, 210, 146
Decimal	13685392
CIELab	82.66, -10.87, 32.55
CIELCh	83, 34.315, 108.462
Yxy	61.5167, 0.3582, 0.4073
Android (android.graphics.Color)	4291875472 (0xFFD0D290)
YUV	201.8780, -28.5339, 5.3690
Hunter-Lab	78.4326, -14.1321, 28.1292

Details

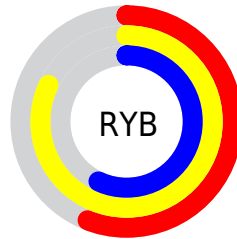
The Yxy color **61.5167, 0.3582, 0.4073** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.7176, 0.2588, 0.2375**, and the grayscale version is **59.1598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **31.3396, 0.3683, 0.4274** is the 20% darker color. If you saturate the color by 10%, you get **60.8453, 0.3720, 0.4314**, and if you desaturate by 10%, it is **62.3134, 0.3437, 0.3822**.

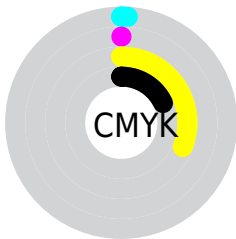
Distribution



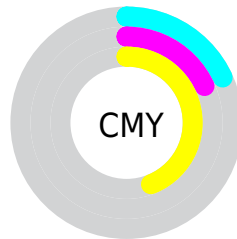
- Red (82%)
- Green (82%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)





- Cyan (18%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5167, 0.3582, 0.4073 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 61.5167, 0.3582, 0.4073 by changing the saturation by 10% instead.


 61.5167, 0.3582,
0.4073


 61.5167, 0.3582,
0.4073

430.1660, 0.3373,
0.3695

 44.6423, 0.3628,
0.4162


 107.0267, 0.3510,
0.3939

 31.1758, 0.3684,
0.4274


 136.4311, 0.3482,
0.3888

 20.7327, 0.3752,
0.4416

170.7810, 0.3458,
0.3844

 12.9288, 0.3834,
0.4603

210.4607, 0.3437,
0.3806

 7.3795, 0.3934,
0.4855

255.8547, 0.3418,
0.3773

 3.7006, 0.4087,
0.5265

307.3473, 0.3401,

 1.5075, 0.4190,

0.3744

0.5810

365.3229, 0.3386,
0.3718

■ 0.2940, 0.0460,
0.9540

■ 0.0000, 0.0000,
0.0000

■ 61.5167, 0.3582,
0.4073

■ 61.5167, 0.3582,
0.4073

■ 60.8453, 0.3720,
0.4314

■ 62.3134, 0.3437,
0.3822

■ 60.2843, 0.3846,
0.4535


■ 63.2333, 0.3291,
0.3570


■ 59.8291, 0.3953,
0.4727

■ 64.2849, 0.3147,
0.3324


■ 59.4718, 0.4037,
0.4882


■ 65.4734, 0.3009,
0.3089

 59.2028, 0.4096,
0.4994

 66.8039, 0.2880,
0.2869


 59.0112, 0.4129,
0.5062

 67.2755, 0.2847,
0.2809

 58.8916, 0.4141,
0.5094

 67.3685, 0.2852,
0.2810

 67.4619, 0.2856,
0.2811

 67.5556, 0.2860,
0.2811

Harmonies

Analogous

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



61.5167, 0.3896, 0.3907



61.5167, 0.3582, 0.4073



61.5167, 0.3159, 0.4006

Triad

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



61.5167, 0.3582, 0.4073



61.5167, 0.2325, 0.2885



61.5167, 0.3492, 0.2924

Complementary

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



61.5167, 0.3582, 0.4073



30.7176, 0.2588, 0.2375

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.



61.5167, 0.3046, 0.2688



61.5167, 0.3582, 0.4073



61.5167, 0.2397, 0.2649

Square

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



61.5167, 0.3582, 0.4073



61.5167, 0.2446, 0.3268



61.5167, 0.2652, 0.2586



61.5167, 0.3851, 0.3248

Rectangle

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



61.5167, 0.3582, 0.4073



61.5167, 0.2874, 0.3822



61.5167, 0.2652, 0.2586



61.5167, 0.3345, 0.2833

Sweetspot

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



61.5195, 0.3582, 0.4073



98.4796, 0.3257, 0.3512



36.0046, 0.3834, 0.3306



21.0296, 0.3278, 0.3549



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.



61.5195, 0.3582, 0.4073



94.7089, 0.3680, 0.4244



57.3249, 0.3323, 0.4144



13.7789, 0.3262, 0.3520



35.9331, 0.4142, 0.5093



2.0149, 0.4152, 0.5085

Inverse Universe

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



30.7176, 0.2588, 0.2375



39.2834, 0.2444, 0.2134



34.0854, 0.2867, 0.2443



11.4342, 0.2986, 0.3050



2.8707, 0.1510, 0.0606



0.1665, 0.1544, 0.0624

Previews

White Background



This preview shows how the Yxy color 61.5167, 0.3582, 0.4073 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 61.5167, 0.3582, 0.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

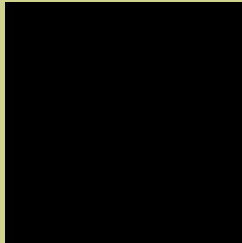
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5167, 0.3582, 0.4073

Background



This preview shows how black text looks on a background with the Yxy color 61.5167, 0.3582, 0.4073.



This preview shows how white text looks on a background with the Yxy color 61.5167, 0.3582, 0.4073.

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

61.5167, 0.3582, 0.4073

Protanopia

61.1452, 0.3730, 0.4013

Deuteranopia

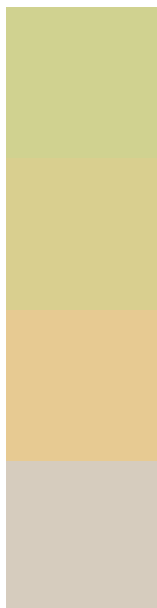
61.2722, 0.3910, 0.3831



Tritanopia

61.5348, 0.3136, 0.3111

Trichromacy



Original Color

61.5167, 0.3582, 0.4073

Protanomaly

61.3605, 0.3674, 0.4033

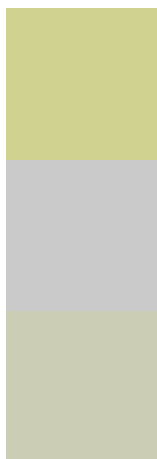
Deuteranomaly

61.3053, 0.3787, 0.3918

Tritanomaly

61.1996, 0.3307, 0.3453

Monochromacy



Original Color

61.5167, 0.3582, 0.4073

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8362, 0.3292, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5167, 0.3582, 0.4073 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(208, 210, 144)` looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 144)  
}
```

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(208, 210, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 144) }
```

Border

The CSS property to change the border of an element to Yxy 61.5167, 0.3582, 0.4073 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(208, 210, 144) }
```

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

```
.border{ border-color:rgb(208, 210, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 210, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 144);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5167, 0.3582, 0.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 144) }
```

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

```
.background{ background-color: rgb(208,  
210, 144) }
```

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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