

Converting Colors

Yxy(61.3605, 0.3704, 0.4124)

Have a look what the booklet for
Yxy(61.3605, 0.3704, 0.4124)
contains.

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Color

Yxy(61.3364, 0.3703, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	D7D088
RGB	215, 208, 136
RGB Percent	84%, 82%, 53%
CMY	0.1569, 0.1843, 0.4667
CMYK	0.00, 0.03, 0.37, 0.16
HSL	55°, 50%, 69%
HSV	55°, 37%, 84%
XYZ	55.0215, 61.3364, 32.2284
YIQ	201.8850, 27.2840, -20.9080

Conversions

Conversions Part 2

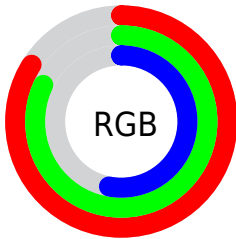
Format	Color
RYB	144, 215, 136
Decimal	14143624
CIELab	82.56, -8.11, 36.64
CIELCh	83, 37.530, 102.486
Yxy	61.3364, 0.3703, 0.4128
Android (android.graphics.Color)	4292333704 (0xFFD7D088)
YUV	201.8850, -32.4813, 11.5019
Hunter-Lab	78.3176, -11.6517, 30.4239

Details

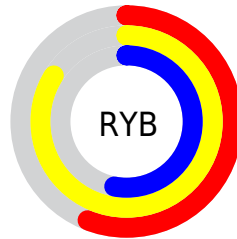
The Yxy color **61.3364, 0.3703, 0.4128** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.7766, 0.2473, 0.2284**, and the grayscale version is **59.1812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **31.1380, 0.3830, 0.4338** is the 20% darker color. If you saturate the color by 10%, you get **59.8670, 0.3858, 0.4342**, and if you desaturate by 10%, it is **62.9450, 0.3543, 0.3901**.

Distribution



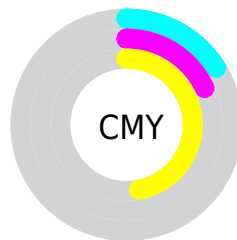
- Red (84%)
- Green (82%)
- Blue (53%)



- Red (56%)
- Yellow (84%)
- Blue (53%)



- Cyan (0%)
- Magenta (3%)
- Yellow (37%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3364, 0.3703, 0.4128 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 61.3364, 0.3703, 0.4128 by changing the saturation by 10% instead.

 61.3364, 0.3703,
0.4128


 61.3364, 0.3703,
0.4128

429.5064, 0.3438,
0.3727

 44.4967, 0.3761,
0.4221


 106.7659, 0.3612,
0.3987

 31.0612, 0.3832,
0.4336


 136.1244, 0.3576,
0.3933

 20.6454, 0.3917,
0.4480


 170.4247, 0.3546,
0.3887

 12.8651, 0.4021,
0.4666

210.0512, 0.3518,
0.3846

 7.3357, 0.4143,
0.4907

255.3882, 0.3495,
0.3811

 3.6729, 0.4396,
0.5374

306.8201, 0.3473,

 1.4923, 0.4365,

0.3780

0.5635

364.7314, 0.3455,
0.3752

0.2833, 0.2009,
0.7991

0.0000, 0.0000,
0.0000

61.3364, 0.3703,
0.4128

61.3364, 0.3703,
0.4128

59.8670, 0.3858,
0.4342

62.9450, 0.3543,
0.3901

58.5212, 0.4000,
0.4533

64.6914, 0.3383,
0.3669

57.2934, 0.4125,
0.4692

66.5845, 0.3228,
0.3440

56.1744, 0.4226,
0.4810

68.6304, 0.3080,
0.3219

■ 55.1535, 0.4299,
0.4884

■ 70.8345, 0.2942,
0.3011

■ 54.2165, 0.4346,
0.4916

■ 72.5420, 0.2873,
0.2915

■ 53.9216, 0.4359,
0.4921

■ 73.5414, 0.2874,
0.2935

■ 74.5523, 0.2875,
0.2956

■ 75.5745, 0.2876,
0.2976

Harmonies

Analogous

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



61.3364, 0.4011, 0.3900



61.3364, 0.3703, 0.4128



61.3364, 0.3253, 0.4117

Triad

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



61.3364, 0.3703, 0.4128



61.3364, 0.2265, 0.2916



61.3364, 0.3430, 0.2831

Complementary

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



61.3364, 0.3703, 0.4128



29.7766, 0.2473, 0.2284

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.



61.3364, 0.2943, 0.2602



61.3364, 0.3703, 0.4128



61.3364, 0.2302, 0.2626

Square

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



61.3364, 0.3703, 0.4128



61.3364, 0.2435, 0.3359



61.3364, 0.2539, 0.2524



61.3364, 0.3857, 0.3166

Rectangle

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



61.3364, 0.3703, 0.4128



61.3364, 0.2938, 0.3949



61.3364, 0.2539, 0.2524



61.3364, 0.3266, 0.2740

Sweetspot

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



61.3392, 0.3703, 0.4128



96.7519, 0.3295, 0.3539



34.0623, 0.3925, 0.3195



20.6273, 0.3316, 0.3570



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.



61.3392, 0.3703, 0.4128



88.5933, 0.3823, 0.4294



60.4886, 0.3423, 0.4282



14.3235, 0.3269, 0.3500



32.3349, 0.4356, 0.4923



2.0066, 0.4325, 0.4948

Inverse Universe

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



29.7766, 0.2473, 0.2284



35.7311, 0.2315, 0.2033



30.7923, 0.2726, 0.2261



12.1833, 0.2981, 0.3070



3.2790, 0.1518, 0.0663



0.2602, 0.1567, 0.0842

Previews

White Background



This preview shows how the Yxy color 61.3364, 0.3703, 0.4128 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 61.3364, 0.3703, 0.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

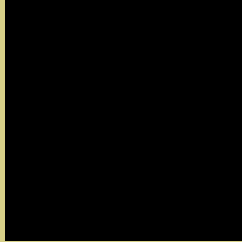
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3364, 0.3703, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 61.3364, 0.3703, 0.4128.



This preview shows how white text looks on a background with the Yxy color 61.3364, 0.3703, 0.4128.

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

61.3364, 0.3703, 0.4128

Protanopia

61.0999, 0.3789, 0.4088

Deuteranopia

60.9077, 0.4002, 0.3910



Tritanopia

61.0905, 0.3214, 0.3113

Trichromacy



Original Color

61.3364, 0.3703, 0.4128

Protanomaly

61.1075, 0.3760, 0.4106

Deuteranomaly

60.7769, 0.3898, 0.3986

Tritanomaly

61.1584, 0.3397, 0.3474

Monochromacy



Original Color

61.3364, 0.3703, 0.4128

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.6655, 0.3340, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3364, 0.3703, 0.4128 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(215, 208, 136)` looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 136)  
}
```

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(215, 208, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 136) }
```

Border

The CSS property to change the border of an element to Yxy 61.3364, 0.3703, 0.4128 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(215, 208, 136) }
```

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

```
.border{ border-color:rgb(215, 208, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 208, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 208, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 208, 136);  
box-shadow:4px 4px 4px 4px rgb(215, 208,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3364, 0.3703, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 136) }
```

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

```
.background{ background-color: rgb(215,  
208, 136) }
```

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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