

Converting Colors

Yxy(64.3432, 0.3617, 0.4164)

Have a look what the booklet for
Yxy(64.3432, 0.3617, 0.4164)
contains.

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Color

Yxy(64.3432, 0.3617, 0.4164)

Conversions

Conversions Part 1

Format	Color
Hex	D3D78C
RGB	211, 215, 140
RGB Percent	83%, 84%, 55%
CMY	0.1727, 0.1568, 0.4509
CMYK	0.02, 0.00, 0.35, 0.16
HSL	63°, 48%, 70%
HSV	63°, 35%, 84%
XYZ	55.8908, 64.3432, 34.2886
YIQ	205.2540, 21.6910, -24.1730

Conversions

Conversions Part 2

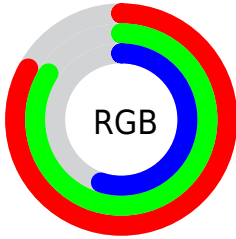
Format	Color
RYB	140, 215, 144
Decimal	13883276
CIELab	84.14, -12.76, 36.59
CIElCh	84, 38.755, 109.226
Yxy	64.3432, 0.3617, 0.4164
Android (android.graphics.Color)	4292073356 (0xFFD3D78C)
YUV	205.2540, -32.1702, 5.0392
Hunter-Lab	80.2142, -16.0015, 30.8057

Details

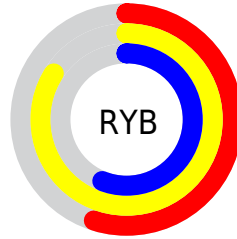
The Yxy color **64.3432, 0.3617, 0.4164** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6020, 0.2531, 0.2259**, and the grayscale version is **61.4178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **32.8314, 0.3717, 0.4375** is the 20% darker color. If you saturate the color by 10%, you get **63.6015, 0.3747, 0.4403**, and if you desaturate by 10%, it is **65.2158, 0.3478, 0.3913**.

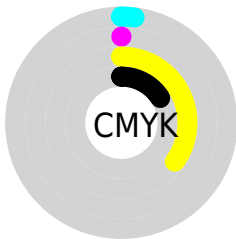
Distribution



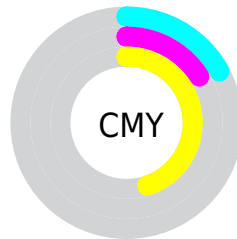
- Red (83%)
- Green (84%)
- Blue (55%)



- Red (55%)
- Yellow (84%)
- Blue (56%)



- Cyan (2%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)




- Cyan (17%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3432, 0.3617, 0.4164 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 64.3432, 0.3617, 0.4164 by changing the saturation by 10% instead.


 64.3432, 0.3617,
0.4164

 64.3432, 0.3617,
0.4164


 440.4279, 0.3396,
0.3745

 46.9287, 0.3664,
0.4262


 111.1051, 0.3542,
0.4017


 32.9793, 0.3721,
0.4383

 141.2212, 0.3513,
0.3960

 22.1106, 0.3788,
0.4536


 176.3400, 0.3487,
0.3911

 13.9382, 0.3868,
0.4735

 216.8459, 0.3464,
0.3869

 8.0777, 0.3958,
0.4998

 263.1232, 0.3444,
0.3832

 4.1447, 0.4104,
0.5434

 315.5564, 0.3426,

 1.7548, 0.4107,

0.3800

0.5893

374.5299, 0.3410,
0.3771

0.4588, 0.2135,
0.7865

0.0000, 0.0000,
0.0000

64.3432, 0.3617,
0.4164

64.3432, 0.3617,
0.4164

63.6015, 0.3747,
0.4403

65.2158, 0.3478,
0.3913

62.9749, 0.3863,
0.4620

66.2174, 0.3336,
0.3658

62.4582, 0.3958,
0.4804

67.3570, 0.3195,
0.3409

62.0424, 0.4029,
0.4949

68.6404, 0.3058,
0.3169

61.7171, 0.4075,
0.5051

70.0731, 0.2929,
0.2943

61.4694, 0.4095,
0.5109

70.7240, 0.2891,
0.2869

61.3614, 0.4098,
0.5128

70.9036, 0.2898,
0.2870

71.0845, 0.2906,
0.2871

71.2667, 0.2914,
0.2872

Harmonies

Analogous

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



64.3432, 0.3973, 0.3976



64.3432, 0.3617, 0.4164



64.3432, 0.3146, 0.4088

Triad

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



64.3432, 0.3617, 0.4164



64.3432, 0.2242, 0.2828



64.3432, 0.3543, 0.2893

Complementary

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



64.3432, 0.3617, 0.4164



29.6020, 0.2531, 0.2259

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.



64.3432, 0.3048, 0.2632



64.3432, 0.3617, 0.4164



64.3432, 0.2327, 0.2575

Square

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



64.3432, 0.3617, 0.4164



64.3432, 0.2368, 0.3250



64.3432, 0.2609, 0.2515



64.3432, 0.3942, 0.3249

Rectangle

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



64.3432, 0.3617, 0.4164



64.3432, 0.2832, 0.3877



64.3432, 0.2609, 0.2515



64.3432, 0.3381, 0.2793

Sweetspot

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



64.3461, 0.3617, 0.4164



98.2048, 0.3268, 0.3538



36.2179, 0.3936, 0.3339



20.9695, 0.3288, 0.3573



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.



64.3461, 0.3617, 0.4164



93.8340, 0.3716, 0.4346



59.4742, 0.3323, 0.4255



14.4842, 0.3258, 0.3521



36.7108, 0.4100, 0.5127



2.2249, 0.4117, 0.5113

Inverse Universe

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



29.6020, 0.2531, 0.2259



35.2077, 0.2376, 0.1997



33.5226, 0.2853, 0.2346



12.0404, 0.2990, 0.3049



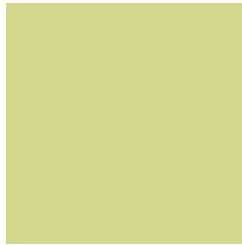
2.9941, 0.1518, 0.0610



0.1921, 0.1575, 0.0641

Previews

White Background



This preview shows how the Yxy color 64.3432, 0.3617, 0.4164 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 64.3432, 0.3617, 0.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

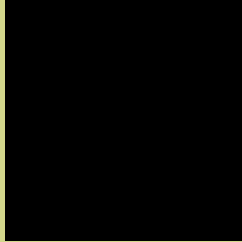
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3432, 0.3617, 0.4164

Background



This preview shows how black text looks on a background with the Yxy color 64.3432, 0.3617, 0.4164.



This preview shows how white text looks on a background with the Yxy color 64.3432, 0.3617, 0.4164.

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

64.3432, 0.3617, 0.4164

Protanopia

64.4221, 0.3789, 0.4093

Deuteranopia

64.2657, 0.3982, 0.3899



Tritanopia

64.2553, 0.3135, 0.3114

Trichromacy



Original Color

64.3432, 0.3617, 0.4164

Protanomaly

64.4806, 0.3724, 0.4117

Deuteranomaly

63.9285, 0.3843, 0.3992

Tritanomaly

64.1584, 0.3309, 0.3484

Monochromacy



Original Color

64.3432, 0.3617, 0.4164

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.2025, 0.3310, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3432, 0.3617, 0.4164 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(211, 215, 140)` looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 140)  
}
```

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(211, 215, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 140) }
```

Border

The CSS property to change the border of an element to Yxy 64.3432, 0.3617, 0.4164 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(211, 215, 140) }
```

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

```
.border{ border-color:rgb(211, 215, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 215, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 140);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3432, 0.3617, 0.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 140) }
```

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

```
.background{ background-color: rgb(211,  
215, 140) }
```

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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