

Converting Colors

$Yxy(63.3704, 0.3793, 0.4336)$

Have a look what the booklet for
Yxy(63.3704, 0.3793, 0.4336)
contains.

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Color

Yxy(63.5679, 0.3791, 0.4337)

Conversions

Conversions Part 1

Format	Color
Hex	D8D579
RGB	216, 213, 121
RGB Percent	85%, 84%, 47%
CMY	0.1529, 0.1647, 0.5254
CMYK	0.00, 0.01, 0.44, 0.15
HSL	58°, 55%, 66%
HSV	58°, 44%, 85%
XYZ	55.5651, 63.5679, 27.4381
YIQ	203.4090, 31.3200, -27.9760

Conversions

Conversions Part 2

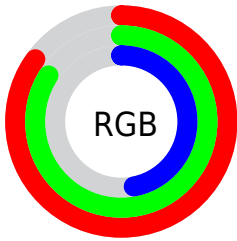
Format	Color
R_{YB}	124, 216, 121
Decimal	14210425
CIE _{Lab}	83.74, -11.84, 45.64
CIE _{LCh}	84, 47.149, 104.539
Yxy	63.5679, 0.3791, 0.4337
Android (android.graphics.Color)	4292400505 (0xFFD8D579)
YUV	203.4090, -40.6276, 11.0423
Hunter-Lab	79.7295, -15.1263, 35.4066

Details

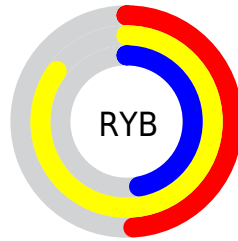
The Yxy color **63.5679, 0.3791, 0.4337** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.4448, 0.2311, 0.1971**, and the grayscale version is **60.2401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **32.6094, 0.3914, 0.4591** is the 20% darker color. If you saturate the color by 10%, you get **62.7570, 0.3925, 0.4543**, and if you desaturate by 10%, it is **64.5047, 0.3644, 0.4109**.

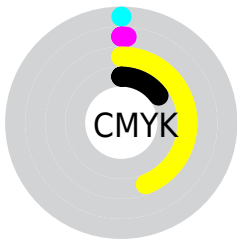
Distribution



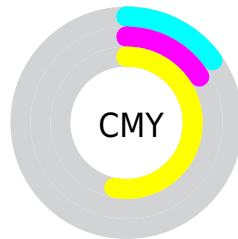
- Red (85%)
- Green (84%)
- Blue (47%)



- Red (49%)
- Yellow (85%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (44%)
- Black (15%)





- Cyan (15%)
- Magenta (16%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5679, 0.3791, 0.4337 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 63.5679, 0.3791, 0.4337 by changing the saturation by 10% instead.

 63.5679, 0.3791,
0.4337


 63.5679, 0.3791,
0.4337


437.6276, 0.3494,
0.3841


 46.3008, 0.3853,
0.4450


 109.9884, 0.3692,
0.4165

 32.4832, 0.3924,
0.4587


 139.9106, 0.3652,
0.4098

 21.7309, 0.4007,
0.4756


 174.8199, 0.3618,
0.4040

 13.6593, 0.4099,
0.4967

215.1008, 0.3587,
0.3989

 7.8841, 0.4191,
0.5228

261.1376, 0.3560,
0.3945

 4.0209, 0.4340,
0.5660

313.3147, 0.3536,

 1.6852, 0.4155,

0.3907

0.5845

372.0166, 0.3514,
0.3872

0.4141, 0.2017,
0.7983

0.0000, 0.0000,
0.0000

63.5679, 0.3791,
0.4337

63.5679, 0.3791,
0.4337

62.7570, 0.3925,
0.4543

64.5047, 0.3644,
0.4109

62.0552, 0.4040,
0.4717


65.5660, 0.3491,
0.3868

61.4565, 0.4131,
0.4852

66.7613, 0.3337,
0.3624


60.9505, 0.4196,
0.4944


68.0969, 0.3185,
0.3383


 60.5245, 0.4235,
0.4993


 69.5785, 0.3041,
0.3152

 60.2934, 0.4250,
0.5008

 71.2118, 0.2905,
0.2934

 71.8422, 0.2879,
0.2898

 72.1955, 0.2879,
0.2905

 72.5502, 0.2880,
0.2912

Harmonies

Analogous

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



63.5679, 0.4196, 0.4049



63.5679, 0.3791, 0.4337



63.5679, 0.3230, 0.4320

Triad

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



63.5679, 0.3791, 0.4337



63.5679, 0.2074, 0.2785



63.5679, 0.3539, 0.2755

Complementary

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



63.5679, 0.3791, 0.4337



23.4448, 0.2311, 0.1971

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.



63.5679, 0.2933, 0.2471



63.5679, 0.3791, 0.4337



63.5679, 0.2137, 0.2457

Square

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



63.5679, 0.3791, 0.4337



63.5679, 0.2256, 0.3324



63.5679, 0.2433, 0.2360



63.5679, 0.4064, 0.3159

Rectangle

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



63.5679, 0.3791, 0.4337



63.5679, 0.2846, 0.4094



63.5679, 0.2433, 0.2360



63.5679, 0.3335, 0.2644

Sweetspot

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



63.5708, 0.3791, 0.4337



97.3812, 0.3324, 0.3603



29.7399, 0.4247, 0.3255



20.7560, 0.3358, 0.3657



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.



63.5708, 0.3791, 0.4337



91.4450, 0.3919, 0.4534



59.2261, 0.3423, 0.4509



14.4497, 0.3267, 0.3513



35.7197, 0.4249, 0.5008



2.1760, 0.4238, 0.5017

Inverse Universe

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



23.4448, 0.2311, 0.1971



25.6450, 0.2109, 0.1639



26.6755, 0.2683, 0.2055



12.0708, 0.2981, 0.3057



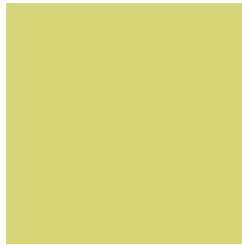
3.0514, 0.1506, 0.0621



0.2067, 0.1525, 0.0689

Previews

White Background



This preview shows how the Yxy color 63.5679, 0.3791, 0.4337 looks on a white background.

Color Contrast Check

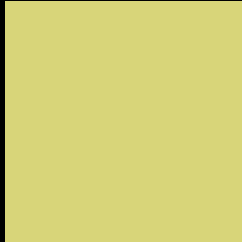
Large Text (above 18pt) WCAG AA × Fail

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 63.5679, 0.3791, 0.4337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

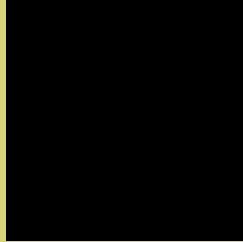
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5679, 0.3791, 0.4337

Background



This preview shows how black text looks on a background with the Yxy color 63.5679, 0.3791, 0.4337.



This preview shows how white text looks on a background with the Yxy color 63.5679, 0.3791, 0.4337.

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

63.5679, 0.3791, 0.4337

Protanopia

63.5909, 0.3931, 0.4277

Deuteranopia

63.1847, 0.4149, 0.4060



Tritanopia

63.6339, 0.3205, 0.3115

Trichromacy



Original Color

63.5679, 0.3791, 0.4337

Protanomaly

63.2965, 0.3878, 0.4293

Deuteranomaly

63.1411, 0.4021, 0.4155

Tritanomaly

63.2495, 0.3428, 0.3552

Monochromacy



Original Color

63.5679, 0.3791, 0.4337

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

61.0527, 0.3380, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5679, 0.3791, 0.4337 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(216, 213, 121)` looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 121)  
}
```

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(216, 213, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 121) }
```

Border

The CSS property to change the border of an element to Yxy 63.5679, 0.3791, 0.4337 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(216, 213, 121) }
```

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

```
.border{ border-color:rgb(216, 213, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 213, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 121);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5679, 0.3791, 0.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 121) }
```

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

```
.background{ background-color: rgb(216,  
213, 121) }
```

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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