

Converting Colors

$Yxy(65.7188, 0.3756, 0.4253)$

Have a look what the booklet for
Yxy(65.7188, 0.3756, 0.4253)
contains.

Yxy(65.9391, 0.3753, 0.4259)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.9391, 0.3753, 0.4259)

Conversions

Conversions Part 1

Format	Color
Hex	DCD882
RGB	220, 216, 130
RGB Percent	86%, 85%, 51%
CMY	0.1372, 0.1529, 0.4902
CMYK	0.00, 0.02, 0.41, 0.14
HSL	57°, 56%, 69%
HSV	57°, 41%, 86%
XYZ	58.1051, 65.9391, 30.7788
YIQ	207.3920, 29.9900, -25.8980

Conversions

Conversions Part 2

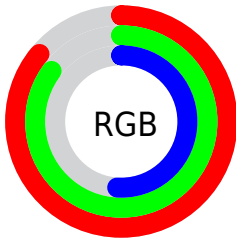
Format	Color
RYB	134, 220, 130
Decimal	14473346
CIELab	84.97, -10.84, 42.82
CIELCh	85, 44.171, 104.208
Yxy	65.9391, 0.3753, 0.4259
Android (android.graphics.Color)	4292663426 (0xFFD8CD882)
YUV	207.3920, -38.1543, 11.0572
Hunter-Lab	81.2029, -14.3787, 34.3690

Details

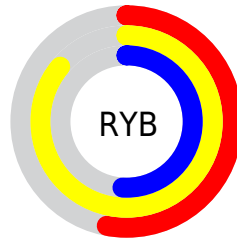
The Yxy color **65.9391, 0.3753, 0.4259** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.9671, 0.2377, 0.2092**, and the grayscale version is **62.9023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **33.8408, 0.3876, 0.4483** is the 20% darker color. If you saturate the color by 10%, you get **64.9106, 0.3894, 0.4471**, and if you desaturate by 10%, it is **67.1030, 0.3601, 0.4028**.

Distribution



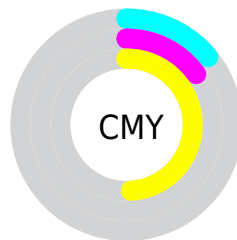
- Red (86%)
- Green (85%)
- Blue (51%)



- Red (53%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (2%)
- Yellow (41%)
- Black (14%)





- Cyan (14%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9391, 0.3753, 0.4259 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 65.9391, 0.3753, 0.4259 by changing the saturation by 10% instead.


 65.9391, 0.3753,
0.4259


 65.9391, 0.3753,
0.4259

446.1591, 0.3473,
0.3802

 48.2230, 0.3812,
0.4363


 113.3989, 0.3659,
0.4100

 34.0035, 0.3882,
0.4490


 143.9114, 0.3622,
0.4038

 22.8963, 0.3963,
0.4647


 179.4581, 0.3589,
0.3985

 14.5169, 0.4058,
0.4844

220.4235, 0.3560,
0.3939

 8.4811, 0.4159,
0.5093

267.1918, 0.3534,
0.3898

 4.4043, 0.4392,
0.5588

320.1476, 0.3511,

 1.9022, 0.4243,

0.3862

0.5757

379.6752, 0.3491,
0.3830

0.5497, 0.3193,
0.6807

0.0000, 0.0000,
0.0000

65.9391, 0.3753,
0.4259

65.9391, 0.3753,
0.4259

64.9106, 0.3894,
0.4471

67.1030, 0.3601,
0.4028

64.0003, 0.4019,
0.4655


68.4006, 0.3446,
0.3788


63.2021, 0.4121,
0.4801


69.8418, 0.3291,
0.3546

62.5056, 0.4198,
0.4905


71.4330, 0.3141,
0.3311

 61.8985, 0.4248,
0.4965


 73.1801, 0.2998,
0.3087

 61.4053, 0.4274,
0.4988

 74.6296, 0.2907,
0.2945

 75.1534, 0.2907,
0.2955

 75.6802, 0.2907,
0.2966

 76.2101, 0.2908,
0.2976

Harmonies

Analogous

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



65.9391, 0.4123, 0.3997



65.9391, 0.3753, 0.4259



65.9391, 0.3233, 0.4239

Triad

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



65.9391, 0.3753, 0.4259



65.9391, 0.2145, 0.2831



65.9391, 0.3504, 0.2788

Complementary

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



65.9391, 0.3753, 0.4259



26.9671, 0.2377, 0.2092

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.



65.9391, 0.2943, 0.2522



65.9391, 0.3753, 0.4259



65.9391, 0.2201, 0.2518

Square

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



65.9391, 0.3753, 0.4259



65.9391, 0.2321, 0.3331



65.9391, 0.2478, 0.2422



65.9391, 0.3989, 0.3167

Rectangle

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



65.9391, 0.3753, 0.4259



65.9391, 0.2875, 0.4033



65.9391, 0.2478, 0.2422



65.9391, 0.3316, 0.2684

Sweetspot

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



65.9421, 0.3753, 0.4259



97.3138, 0.3309, 0.3575



32.9163, 0.4117, 0.3239



20.7706, 0.3329, 0.3606



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.



65.9421, 0.3753, 0.4259



90.8804, 0.3874, 0.4441



62.4550, 0.3418, 0.4416



15.1588, 0.3268, 0.3511



36.0744, 0.4273, 0.4989



2.3686, 0.4259, 0.5001

Inverse Universe

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



26.9671, 0.2377, 0.2092



29.4758, 0.2198, 0.1798



29.7328, 0.2708, 0.2142



12.7100, 0.2981, 0.3059



3.2009, 0.1508, 0.0630



0.2410, 0.1533, 0.0720

Previews

White Background



This preview shows how the Yxy color 65.9391, 0.3753, 0.4259 looks on a white background.

Color Contrast Check

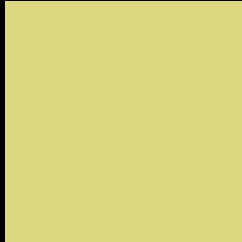
Large Text (above 18pt) WCAG AA × Fail

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 65.9391, 0.3753, 0.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

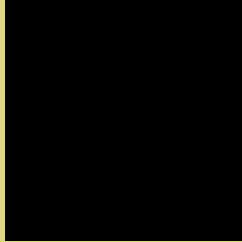
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9391, 0.3753, 0.4259

Background



This preview shows how black text looks on a background with the Yxy color 65.9391, 0.3753, 0.4259.



This preview shows how white text looks on a background with the Yxy color 65.9391, 0.3753, 0.4259.

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

65.9391, 0.3753, 0.4259

Protanopia

65.8278, 0.3875, 0.4196

Deuteranopia

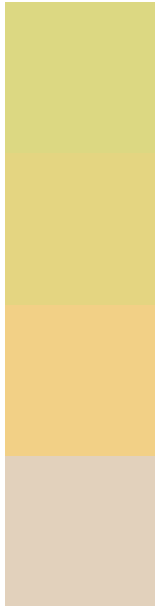
65.7494, 0.4057, 0.3979



Tritanopia

65.7061, 0.3204, 0.3118

Trichromacy



Original Color

65.9391, 0.3753, 0.4259

Protanomaly

65.6675, 0.3837, 0.4217

Deuteranomaly

65.7102, 0.3941, 0.4079

Tritanomaly

65.4005, 0.3409, 0.3525

Monochromacy



Original Color

65.9391, 0.3753, 0.4259

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3449, 0.3363, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9391, 0.3753, 0.4259 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(220, 216, 130)` looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 130)  
}
```

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(220, 216, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 130) }
```

Border

The CSS property to change the border of an element to Yxy 65.9391, 0.3753, 0.4259 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(220, 216, 130) }
```

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

```
.border{ border-color:rgb(220, 216, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 216, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 216, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 216, 130);  
box-shadow:4px 4px 4px 4px rgb(220, 216,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9391, 0.3753, 0.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 216, 130) }
```

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

```
.background{ background-color: rgb(220,  
216, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor