

Converting Colors

Yxy(65.7548, 0.3739, 0.4302)

Have a look what the booklet for
Yxy(65.7548, 0.3739, 0.4302)
contains.

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Color

Yxy(65.9359, 0.3737, 0.4299)

Conversions

Conversions Part 1

Format	Color
Hex	D9D980
RGB	217, 217, 128
RGB Percent	85%, 85%, 50%
CMY	0.1492, 0.1490, 0.4981
CMYK	0.00, 0.00, 0.41, 0.15
HSL	60°, 54%, 68%
HSV	60°, 41%, 85%
XYZ	57.3162, 65.9359, 30.1228
YIQ	206.8540, 28.5690, -27.6790

Conversions

Conversions Part 2

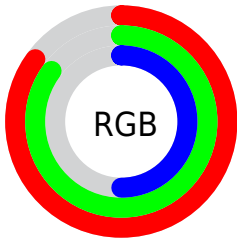
Format	Color
R _{YB}	128, 217, 128
Decimal	14276992
CIE Lab	84.96, -12.76, 43.76
CIE LCh	85, 45.580, 106.262
Yxy	65.9359, 0.3737, 0.4299
Android (android.graphics.Color)	4292467072 (0xFFD9D980)
YUV	206.8540, -38.8750, 8.8980
Hunter-Lab	81.2009, -16.1062, 34.8460

Details

The Yxy color **65.9359, 0.3737, 0.4299** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.0377, 0.2367, 0.2033**, and the grayscale version is **62.5372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **33.9535, 0.3863, 0.4530** is the 20% darker color. If you saturate the color by 10%, you get **65.4254, 0.3869, 0.4517**, and if you desaturate by 10%, it is **66.5746, 0.3593, 0.4061**.

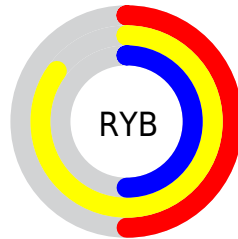
Distribution



Red (85%)

Green (85%)

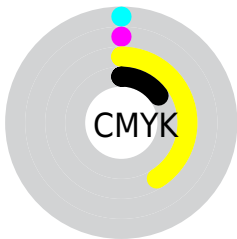
Blue (50%)



Red (50%)

Yellow (85%)

Blue (50%)

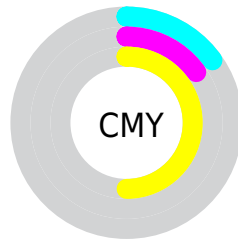


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (15%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9359, 0.3737, 0.4299 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 65.9359, 0.3737, 0.4299 by changing the saturation by 10% instead.


 65.9359, 0.3737,
0.4299


 65.9359, 0.3737,
0.4299

446.1476, 0.3466,
0.3821


 48.2204, 0.3793,
0.4408


 113.3943, 0.3647,
0.4133

 34.0014, 0.3859,
0.4541


 143.9060, 0.3610,
0.4068

 22.8947, 0.3936,
0.4706


 179.4519, 0.3579,
0.4013

 14.5158, 0.4022,
0.4914

220.4163, 0.3551,
0.3964

 8.4803, 0.4111,
0.5176

267.1837, 0.3526,
0.3922

 4.4038, 0.4315,
0.5685

320.1384, 0.3504,

 1.9019, 0.4128,

0.3885

0.5872

379.6650, 0.3484,
0.3851

■ 0.5495, 0.2772,
0.7228

■ 0.0000, 0.0000,
0.0000

■ 65.9359, 0.3737,
0.4299

■ 65.9359, 0.3737,
0.4299

■ 65.4254, 0.3869,
0.4517

■ 66.5746, 0.3593,
0.4061

■ 65.0263, 0.3982,
0.4704


■ 67.3396, 0.3442,
0.3812

■ 64.7327, 0.4072,
0.4854


■ 68.2407, 0.3291,
0.3560


■ 64.5346, 0.4137,
0.4961

■ 69.2839, 0.3142,
0.3315


 64.4201, 0.4175,
0.5025


 70.4750, 0.3000,
0.3080

 64.3698, 0.4192,
0.5053

 71.6119, 0.2886,
0.2890

 71.6138, 0.2886,
0.2890

 71.6156, 0.2886,
0.2890

 71.6175, 0.2886,
0.2890

Harmonies

Analogous

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



65.9359, 0.4135, 0.4041



65.9359, 0.3737, 0.4299



65.9359, 0.3196, 0.4258

Triad

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



65.9359, 0.3737, 0.4299



65.9359, 0.2113, 0.2786



65.9359, 0.3555, 0.2796

Complementary

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



65.9359, 0.3737, 0.4299



25.0377, 0.2367, 0.2033

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.



65.9359, 0.2975, 0.2515



65.9359, 0.3737, 0.4299



65.9359, 0.2187, 0.2481

Square

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



65.9359, 0.3737, 0.4299



65.9359, 0.2277, 0.3292



65.9359, 0.2486, 0.2398



65.9359, 0.4043, 0.3191

Rectangle

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



65.9359, 0.3737, 0.4299



65.9359, 0.2830, 0.4029



65.9359, 0.2486, 0.2398



65.9359, 0.3361, 0.2687

Sweetspot

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



65.9389, 0.3737, 0.4299



98.1803, 0.3307, 0.3588



31.7474, 0.4173, 0.3293



20.9761, 0.3327, 0.3621



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.



65.9389, 0.3737, 0.4299



94.3798, 0.3849, 0.4484



60.0199, 0.3384, 0.4431



15.2635, 0.3267, 0.3521



38.9596, 0.4192, 0.5053



2.5241, 0.4192, 0.5053

Inverse Universe

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



25.0377, 0.2367, 0.2033



27.9539, 0.2185, 0.1732



29.2732, 0.2748, 0.2153



12.6176, 0.2981, 0.3048



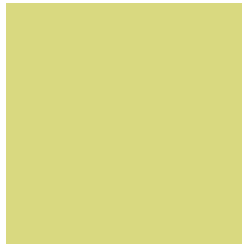
3.0333, 0.1500, 0.0600



0.1966, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 65.9359, 0.3737, 0.4299 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 65.9359, 0.3737, 0.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

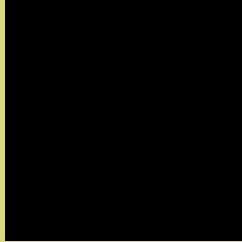
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9359, 0.3737, 0.4299

Background



This preview shows how black text looks on a background with the Yxy color 65.9359, 0.3737, 0.4299.



This preview shows how white text looks on a background with the Yxy color 65.9359, 0.3737, 0.4299.

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

65.9359, 0.3737, 0.4299

Protanopia

65.7491, 0.3895, 0.4226

Deuteranopia

65.7211, 0.4064, 0.3989



Tritanopia

65.9105, 0.3181, 0.3117

Trichromacy



Original Color

65.9359, 0.3737, 0.4299

Protanomaly

65.9563, 0.3838, 0.4250

Deuteranomaly

65.4785, 0.3947, 0.4102

Tritanomaly

65.5713, 0.3392, 0.3538

Monochromacy



Original Color

65.9359, 0.3737, 0.4299

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.6518, 0.3360, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9359, 0.3737, 0.4299 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(217, 217, 128)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 128)  
}
```

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(217, 217, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 128) }
```

Border

The CSS property to change the border of an element to Yxy 65.9359, 0.3737, 0.4299 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(217, 217, 128) }
```

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

```
.border{ border-color:rgb(217, 217, 128) }
```

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

Here you see how a box with a 4 pixel rgb(217, 217, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 128);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9359, 0.3737, 0.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 128) }
```

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

```
.background{ background-color: rgb(217,  
217, 128) }
```

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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