

Converting Colors

Yxy(63.9050, 0.3732, 0.4292)

Have a look what the booklet for
Yxy(63.9050, 0.3732, 0.4292)
contains.

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Color

Yxy(63.9216, 0.3732, 0.4290)

Conversions

Conversions Part 1

Format	Color
Hex	D6D67F
RGB	214, 214, 127
RGB Percent	84%, 84%, 50%
CMY	0.1608, 0.1608, 0.5021
CMYK	0.00, 0.00, 0.41, 0.16
HSL	60°, 51%, 67%
HSV	60°, 41%, 84%
XYZ	55.6073, 63.9216, 29.4725
YIQ	204.0820, 27.9270, -27.0570

Conversions

Conversions Part 2

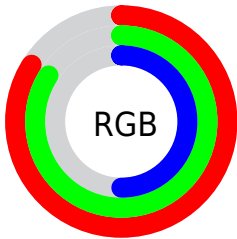
Format	Color
RYB	127, 214, 127
Decimal	14079615
CIELab	83.92, -12.53, 42.91
CIELCh	84, 44.701, 106.274
Yxy	63.9216, 0.3732, 0.4290
Android (android.graphics.Color)	4292269695 (0xFFD6D67F)
YUV	204.0820, -38.0014, 8.6981
Hunter-Lab	79.9510, -15.7643, 34.1095

Details

The Yxy color **63.9216, 0.3732, 0.4290** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.5342, 0.2375, 0.2047**, and the grayscale version is **60.6694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **32.5872, 0.3859, 0.4523** is the 20% darker color. If you saturate the color by 10%, you get **63.4245, 0.3864, 0.4509**, and if you desaturate by 10%, it is **64.5430, 0.3588, 0.4051**.

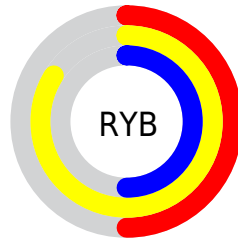
Distribution



Red (84%)

Green (84%)

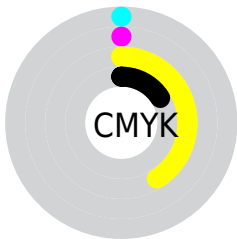
Blue (50%)



Red (50%)

Yellow (84%)

Blue (50%)

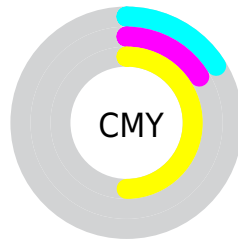


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9216, 0.3732, 0.4290 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 63.9216, 0.3732, 0.4290 by changing the saturation by 10% instead.


 63.9216, 0.3732,
0.4290


 63.9216, 0.3732,
0.4290


438.9065, 0.3461,
0.3814


 46.5872, 0.3789,
0.4399

 110.4980, 0.3641,
0.4124

 32.7094, 0.3855,
0.4533


 140.5088, 0.3605,
0.4059

 21.9039, 0.3933,
0.4700

 175.5138, 0.3573,
0.4004

 13.7863, 0.4021,
0.4911

215.8975, 0.3546,
0.3956

 7.9722, 0.4111,
0.5178

262.0442, 0.3521,
0.3914

 4.0772, 0.4311,
0.5689

314.3383, 0.3499,

 1.7168, 0.4116,

0.3877

0.5884

373.1643, 0.3479,
0.3844

■ 0.4345, 0.1979,
0.8021

■ 0.0000, 0.0000,
0.0000

■ 63.9216, 0.3732,
0.4290

■ 63.9216, 0.3732,
0.4290

■ 63.4245, 0.3864,
0.4509

■ 64.5430, 0.3588,
0.4051

■ 63.0354, 0.3978,
0.4697


■ 65.2869, 0.3437,
0.3802

■ 62.7488, 0.4070,
0.4848


■ 66.1626, 0.3285,
0.3551

■ 62.5551, 0.4135,
0.4957

■ 67.1760, 0.3137,
0.3306

 62.4426, 0.4175,
0.5023

 68.3327, 0.2995,
0.3072

 62.3921, 0.4193,
0.5053

 69.6143, 0.2864,
0.2855

 69.6144, 0.2864,
0.2855

 69.6146, 0.2864,
0.2855

 69.6148, 0.2864,
0.2855

Harmonies

Analogous

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



63.9216, 0.4126, 0.4035



63.9216, 0.3732, 0.4290



63.9216, 0.3196, 0.4248

Triad

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



63.9216, 0.3732, 0.4290



63.9216, 0.2121, 0.2791



63.9216, 0.3551, 0.2801

Complementary

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



63.9216, 0.3732, 0.4290



24.5342, 0.2375, 0.2047

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.



63.9216, 0.2977, 0.2521



63.9216, 0.3732, 0.4290



63.9216, 0.2194, 0.2488

Square

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



63.9216, 0.3732, 0.4290



63.9216, 0.2284, 0.3292



63.9216, 0.2491, 0.2405



63.9216, 0.4035, 0.3193

Rectangle

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



63.9216, 0.3732, 0.4290



63.9216, 0.2833, 0.4021



63.9216, 0.2491, 0.2405



63.9216, 0.3360, 0.2692

Sweetspot

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



63.9245, 0.3732, 0.4290



98.1832, 0.3307, 0.3588



30.9977, 0.4159, 0.3293



20.9768, 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.



63.9245, 0.3732, 0.4290



94.3917, 0.3849, 0.4484



58.2283, 0.3382, 0.4420



14.5199, 0.3266, 0.3520



37.7092, 0.4193, 0.5053



2.2744, 0.4193, 0.5053

Inverse Universe

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



24.5342, 0.2375, 0.2047



27.9489, 0.2185, 0.1732



28.6248, 0.2753, 0.2164



12.0088, 0.2981, 0.3049



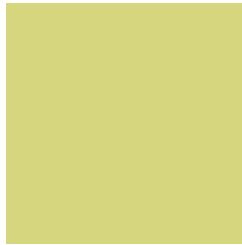
2.9346, 0.1500, 0.0600



0.1770, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 63.9216, 0.3732, 0.4290 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 63.9216, 0.3732, 0.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

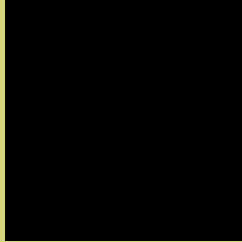
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9216, 0.3732, 0.4290

Background



This preview shows how black text looks on a background with the Yxy color 63.9216, 0.3732, 0.4290.



This preview shows how white text looks on a background with the Yxy color 63.9216, 0.3732, 0.4290.

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

63.9216, 0.3732, 0.4290

Protanopia

63.7396, 0.3891, 0.4217

Deuteranopia

63.8029, 0.4100, 0.4013



Tritanopia

63.6736, 0.3174, 0.3114

Trichromacy



Original Color

63.9216, 0.3732, 0.4290

Protanomaly

63.9422, 0.3834, 0.4241

Deuteranomaly

63.5983, 0.3966, 0.4108

Tritanomaly

63.3865, 0.3380, 0.3530

Monochromacy



Original Color

63.9216, 0.3732, 0.4290

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.6562, 0.3356, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9216, 0.3732, 0.4290 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(214, 214, 127)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 127)  
}
```

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(214, 214, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 127) }
```

Border

The CSS property to change the border of an element to Yxy 63.9216, 0.3732, 0.4290 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(214, 214, 127) }
```

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

```
.border{ border-color:rgb(214, 214, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 127);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9216, 0.3732, 0.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 127) }
```

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

```
.background{ background-color: rgb(214,  
214, 127) }
```

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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