

Converting Colors

Yxy(67.8195, 0.3340, 0.3638)

Have a look what the booklet for
Yxy(67.8195, 0.3340, 0.3638)
contains.

Yxy(67.9226, 0.3340, 0.3642)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9226, 0.3340, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	D9D9BA
RGB	217, 217, 186
RGB Percent	85%, 85%, 73%
CMY	0.1490, 0.1490, 0.2706
CMYK	0.00, 0.00, 0.14, 0.15
HSL	60°, 29%, 79%
HSV	60°, 14%, 85%
XYZ	62.2904, 67.9226, 56.2851
YIQ	213.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

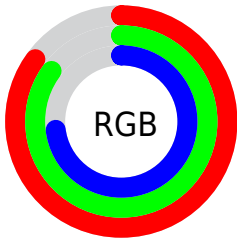
Format	Color
R _Y B	186, 217, 186
Decimal	14277050
CIE Lab	85.97, -5.21, 15.29
CIE LCh	86, 16.157, 108.806
Yxy	67.9226, 0.3340, 0.3642
Android (android.graphics.Color)	4292467130 (0xFFD9D9BA)
YUV	213.4660, -13.5407, 3.0993
Hunter-Lab	82.4152, -9.3141, 17.1987

Details

The Yxy color **67.9226, 0.3340, 0.3642** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5727, 0.2899, 0.2912**, and the grayscale version is **66.9568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **35.2155, 0.3390, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **67.0703, 0.3492, 0.3893**, and if you desaturate by 10%, it is **68.9210, 0.3190, 0.3394**.

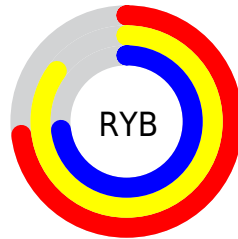
Distribution



Red (85%)

Green (85%)

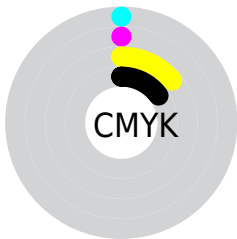
Blue (73%)



Red (73%)

Yellow (85%)

Blue (73%)

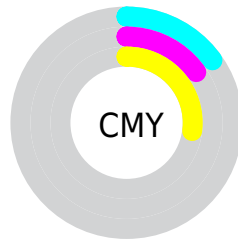


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (15%)



Cyan (15%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9226, 0.3340, 0.3642 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 67.9226, 0.3340, 0.3642 by changing the saturation by 10% instead.


 67.9226, 0.3340,
0.3642

 67.9226, 0.3340,
0.3642


453.2217, 0.3241,
0.3475

 49.8348, 0.3363,
0.3681


 116.2414, 0.3306,
0.3583

 35.2821, 0.3390,
0.3730


147.2412, 0.3292,
0.3561

 23.8803, 0.3426,
0.3792


183.3137, 0.3281,
0.3542

 15.2448, 0.3471,
0.3875

224.8434, 0.3271,
0.3525

 8.9914, 0.3533,
0.3989

272.2147, 0.3262,
0.3510

 4.7356, 0.3621,
0.4158

325.8119, 0.3254,

 2.0930, 0.3754,

0.3497

0.4434

386.0194, 0.3247,
0.3486

0.6607, 0.4312,
0.5688

0.0000, 0.0000,
0.0000

67.9226, 0.3340,
0.3642

67.9226, 0.3340,
0.3642

67.0703, 0.3492,
0.3893

68.9210, 0.3190,
0.3394

66.3489, 0.3641,
0.4140

70.0625, 0.3045,
0.3155

65.7546, 0.3782,
0.4373

71.3557, 0.2909,
0.2929

65.2800, 0.3908,
0.4582

71.6049, 0.2885,
0.2890

64.9170, 0.4014,
0.4758

71.6062, 0.2885,
0.2890

64.6564, 0.4096,
0.4894

71.6074, 0.2886,
0.2890

64.4877, 0.4152,
0.4986

71.6086, 0.2886,
0.2890

64.3979, 0.4183,
0.5037

71.6098, 0.2886,
0.2890

64.3697, 0.4193,
0.5053

71.6110, 0.2886,
0.2890

Harmonies

Analogous

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



67.9226, 0.3479, 0.3583



67.9226, 0.3340, 0.3642



67.9226, 0.3147, 0.3602

Triad

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



67.9226, 0.3340, 0.3642



67.9226, 0.2748, 0.3112



67.9226, 0.3298, 0.3120

Complementary

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



67.9226, 0.3340, 0.3642



50.5727, 0.2899, 0.2912

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.



67.9226, 0.3097, 0.3003



67.9226, 0.3340, 0.3642



67.9226, 0.2784, 0.2993

Square

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



67.9226, 0.3340, 0.3642



67.9226, 0.2808, 0.3286



67.9226, 0.2911, 0.2956



67.9226, 0.3455, 0.3281

Rectangle

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



67.9226, 0.3340, 0.3642



67.9226, 0.3014, 0.3521



67.9226, 0.2911, 0.2956



67.9226, 0.3233, 0.3074

Sweetspot

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



67.9256, 0.3340, 0.3642



99.3597, 0.3186, 0.3388



53.4194, 0.3391, 0.3291



21.2421, 0.3197, 0.3406



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.



67.9256, 0.3340, 0.3642



97.5128, 0.3384, 0.3714



65.6625, 0.3223, 0.3655



15.2637, 0.3267, 0.3521



38.9634, 0.4193, 0.5053



2.5243, 0.4193, 0.5053

Inverse Universe

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



50.5727, 0.2899, 0.2912



68.0796, 0.2848, 0.2828



52.6192, 0.3019, 0.2925



12.6175, 0.2981, 0.3048



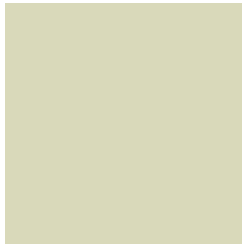
3.0330, 0.1500, 0.0600



0.1966, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 67.9226, 0.3340, 0.3642 looks on a white background.

Color Contrast Check

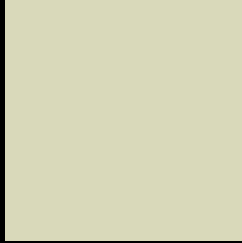
Large Text (above 18pt) WCAG AA × Fail

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 67.9226, 0.3340, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

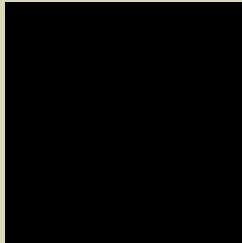
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

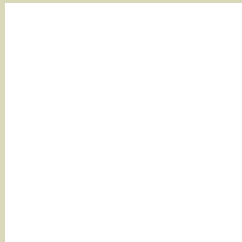
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9226, 0.3340, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 67.9226, 0.3340, 0.3642.



This preview shows how white text looks on a background with the Yxy color 67.9226, 0.3340, 0.3642.

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

67.9226, 0.3340, 0.3642

Protanopia

67.7647, 0.3422, 0.3614

Deuteranopia

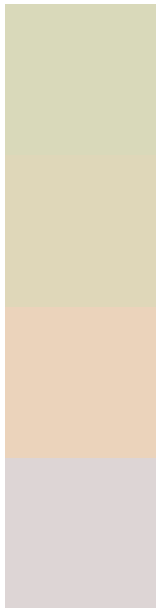
67.6690, 0.3564, 0.3493



Tritanopia

67.8779, 0.3099, 0.3106

Trichromacy



Original Color

67.9226, 0.3340, 0.3642

Protanomaly

67.7916, 0.3397, 0.3627

Deuteranomaly

67.8386, 0.3484, 0.3552

Tritanomaly

67.7647, 0.3186, 0.3290

Monochromacy



Original Color

67.9226, 0.3340, 0.3642

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7011, 0.3203, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9226, 0.3340, 0.3642 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 186) }
```

Border

The CSS property to change the border of an element to Yxy 67.9226, 0.3340, 0.3642 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, 186) }
```

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

```
.border{ border-color:rgb(217, 217, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9226, 0.3340, 0.3642 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, 186) }
```

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

```
.background{ background-color: rgb(217,  
217, 186) }
```

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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