

Converting Colors

$Yxy(66.7950, 0.3708, 0.4432)$

Have a look what the booklet for
Yxy(66.7950, 0.3708, 0.4432)
contains.

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Color

Yxy(66.7950, 0.3708, 0.4432)

Conversions

Conversions Part 1

Format	Color
Hex	D2DD79
RGB	210, 221, 121
RGB Percent	82%, 87%, 47%
CMY	0.1765, 0.1333, 0.5255
CMYK	0.05, 0.00, 0.45, 0.13
HSL	67°, 60%, 67%
HSV	67°, 45%, 87%
XYZ	55.8835, 66.7950, 28.0322
YIQ	206.3110, 25.5440, -33.4320

Conversions

Conversions Part 2

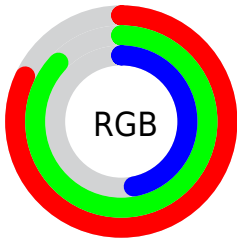
Format	Color
RYB	121, 221, 132
Decimal	13819257
CIELab	85.40, -18.19, 47.60
CIELCh	85, 50.955, 110.920
Yxy	66.7950, 0.3708, 0.4432
Android (android.graphics.Color)	4292009337 (0xFFD2DD79)
YUV	206.3110, -42.0583, 3.2353
Hunter-Lab	81.7282, -20.9709, 36.8737

Details

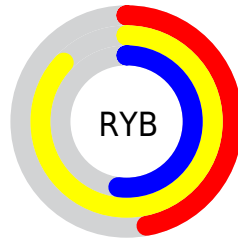
The Yxy color **66.7950, 0.3708, 0.4432** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.7991, 0.2359, 0.1909**, and the grayscale version is **62.1939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **34.5721, 0.3818, 0.4708** is the 20% darker color. If you saturate the color by 10%, you get **65.9619, 0.3813, 0.4658**, and if you desaturate by 10%, it is **67.7638, 0.3588, 0.4185**.

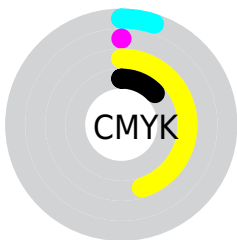
Distribution



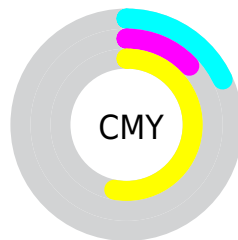
- Red (82%)
- Green (87%)
- Blue (47%)



- Red (47%)
- Yellow (87%)
- Blue (52%)



- Cyan (5%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)




- Cyan (18%)
- Magenta (13%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7950, 0.3708, 0.4432 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 66.7950, 0.3708, 0.4432 by changing the saturation by 10% instead.


 66.7950, 0.3708,
0.4432


 66.7950, 0.3708,
0.4432


449.2147, 0.3457,
0.3889


 48.9180, 0.3758,
0.4556


 114.6266, 0.3627,
0.4243

 34.5545, 0.3813,
0.4707

 145.3501, 0.3593,
0.4169

 23.3199, 0.3875,
0.4895


 181.1245, 0.3564,
0.4106

 14.8299, 0.3938,
0.5130

222.3343, 0.3537,
0.4051

 8.7001, 0.3988,
0.5426

269.3638, 0.3514,
0.4003

 4.5461, 0.4077,
0.5923


322.5974, 0.3493,

 1.9835, 0.3813,


0.3961

0.6187


382.4196, 0.3474,
0.3923


 0.5978, 0.1719,
0.8281


 0.0000, 0.0000,
0.0000


 66.7950, 0.3708,
0.4432


 66.7950, 0.3708,
0.4432


 65.9619, 0.3813,
0.4658


 67.7638, 0.3588,
0.4185


 65.2468, 0.3897,
0.4852


 68.8669, 0.3460,
0.3928

 64.6430, 0.3957,
0.5008


 70.1147, 0.3327,
0.3670

 64.1393, 0.3991,
0.5119


 71.5138, 0.3195,
0.3418

 63.7217, 0.4000,
0.5185

 73.0703, 0.3067,
0.3178

 63.5425, 0.3999,
0.5207

 74.7902, 0.2945,
0.2952

 75.2736, 0.2953,
0.2940

 75.6723, 0.2969,
0.2942

 76.0767, 0.2985,
0.2943

Harmonies

Analogous

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



66.7950, 0.4188, 0.4171



66.7950, 0.3708, 0.4432



66.7950, 0.3099, 0.4334

Triad

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



66.7950, 0.3708, 0.4432



66.7950, 0.2009, 0.2657



66.7950, 0.3698, 0.2806

Complementary

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



66.7950, 0.3708, 0.4432



23.7991, 0.2359, 0.1909

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.



66.7950, 0.3052, 0.2476



66.7950, 0.3708, 0.4432



66.7950, 0.2128, 0.2367

Square

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



66.7950, 0.3708, 0.4432



66.7950, 0.2143, 0.3187



66.7950, 0.2489, 0.2317



66.7950, 0.4209, 0.3248

Rectangle

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



66.7950, 0.3708, 0.4432



66.7950, 0.2705, 0.4039



66.7950, 0.2489, 0.2317



66.7950, 0.3486, 0.2680

Sweetspot

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



66.7980, 0.3708, 0.4432



97.1721, 0.3312, 0.3641



32.9840, 0.4283, 0.3413



20.7136, 0.3341, 0.3697



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.



66.7980, 0.3708, 0.4432



91.3074, 0.3805, 0.4640



60.6744, 0.3330, 0.4591



15.1873, 0.3250, 0.3522



36.9403, 0.4002, 0.5205



2.4144, 0.4035, 0.5178

Inverse Universe

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



23.7991, 0.2359, 0.1909



24.9559, 0.2173, 0.1593



28.7169, 0.2790, 0.2058



12.6855, 0.2998, 0.3049



3.1721, 0.1541, 0.0622



0.2291, 0.1644, 0.0679

Previews

White Background



This preview shows how the Yxy color 66.7950, 0.3708, 0.4432 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 66.7950, 0.3708, 0.4432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

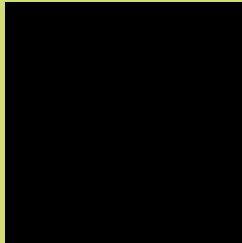
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7950, 0.3708, 0.4432

Background



This preview shows how black text looks on a background with the Yxy color 66.7950, 0.3708, 0.4432.



This preview shows how white text looks on a background with the Yxy color 66.7950, 0.3708, 0.4432.

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

66.7950, 0.3708, 0.4432

Protanopia

66.3889, 0.3958, 0.4308

Deuteranopia

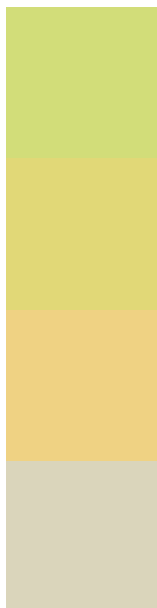
66.2519, 0.4045, 0.3979



Tritanopia

66.5668, 0.3113, 0.3116

Trichromacy



Original Color

66.7950, 0.3708, 0.4432

Protanomaly

66.4512, 0.3863, 0.4356

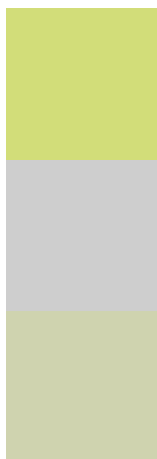
Deuteranomaly

66.0826, 0.3928, 0.4137

Tritanomaly

66.0818, 0.3347, 0.3586

Monochromacy



Original Color

66.7950, 0.3708, 0.4432

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.9491, 0.3350, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7950, 0.3708, 0.4432 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(210, 221, 121)` looks like.

```
.text, #text, p{  
    color:rgb(210, 221, 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(210, 221, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 221, 121) }
```

Border

The CSS property to change the border of an element to Yxy 66.7950, 0.3708, 0.4432 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(210, 221, 121) }
```

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

```
.border{ border-color:rgb(210, 221, 121) }
```

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

Here you see how a box with a 4 pixel rgb(210, 221, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 221, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 221, 121);  
box-shadow:4px 4px 4px 4px rgb(210, 221,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7950, 0.3708, 0.4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 221, 121) }
```

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

```
.background{ background-color: rgb(210,  
221, 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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