

Converting Colors

$Yxy(66.5666, 0.3920, 0.4630)$

Have a look what the booklet for
Yxy(66.5666, 0.3920, 0.4630)
contains.

Yxy(66.4130, 0.3922, 0.4622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.4130, 0.3922, 0.4622)

Conversions

Conversions Part 1

Format	Color
Hex	DADB60
RGB	218, 219, 96
RGB Percent	85%, 86%, 38%
CMY	0.1451, 0.1411, 0.6234
CMYK	0.00, 0.00, 0.56, 0.14
HSL	60°, 63%, 62%
HSV	60°, 56%, 86%
XYZ	56.3548, 66.4130, 20.9211
YIQ	204.6790, 38.8870, -38.4650

Conversions

Conversions Part 2

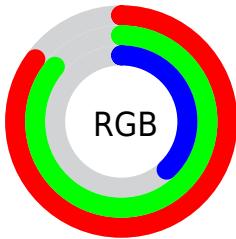
Format	Color
R_{YB}	96, 219, 97
Decimal	14343008
CIE Lab	85.21, -16.19, 59.09
CIE LCh	85, 61.262, 105.320
Yxy	66.4130, 0.3922, 0.4622
Android (android.graphics.Color)	4292533088 (0xFFDADB60)
YUV	204.6790, -53.5787, 11.6825
Hunter-Lab	81.4942, -19.1786, 41.8251

Details

The Yxy color **66.4130, 0.3922, 0.4622** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **16.0299, 0.2049, 0.1500**, and the grayscale version is **61.1664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9820, 0.3745, 0.4311**, and **34.1846, 0.4050, 0.4914** is the 20% darker color. If you saturate the color by 10%, you get **66.0392, 0.4023, 0.4793**, and if you desaturate by 10%, it is **66.9053, 0.3800, 0.4417**.

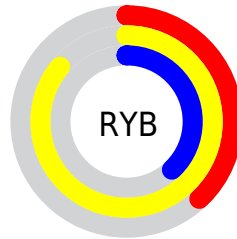
Distribution



Red (85%)

Green (86%)

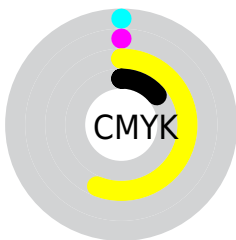
Blue (38%)



Red (38%)

Yellow (86%)

Blue (38%)

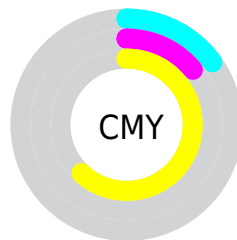


Cyan (0%)

Magenta (0%)

Yellow (56%)

Black (14%)



Cyan (15%)


Magenta (14%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4130, 0.3922, 0.4622 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 66.4130, 0.3922, 0.4622 by changing the saturation by 10% instead.


 66.4130, 0.3922,
0.4622


 66.4130, 0.3922,
0.4622


447.8525, 0.3586,
0.4004


 48.6077, 0.3985,
0.4756

 114.0789, 0.3816,
0.4412

 34.3084, 0.4052,
0.4914


 144.7083, 0.3771,
0.4328

 23.1306, 0.4122,
0.5102


 180.3813, 0.3731,
0.4256

 14.6900, 0.4184,
0.5322

 221.4821, 0.3696,
0.4193

 8.6021, 0.4274,
0.5651

268.3953, 0.3664,
0.4137

 4.4826, 0.4164,
0.5836

321.5051, 0.3635,

 1.9470, 0.3928,

0.4088

0.6072

381.1960, 0.3609,
0.4043

0.5764, 0.2095,
0.7905

0.0000, 0.0000,
0.0000

66.4130, 0.3922,
0.4622

66.4130, 0.3922,
0.4622

66.0392, 0.4023,
0.4793

66.9053, 0.3800,
0.4417

65.7651, 0.4099,
0.4922


67.5155, 0.3663,
0.4187

65.5826, 0.4148,
0.5008

68.2542, 0.3517,
0.3941


65.4778, 0.4173,
0.5053


69.1285, 0.3366,
0.3689

 65.4486, 0.4179,
0.5064

 70.1449, 0.3217,
0.3440

 71.3095, 0.3072,
0.3199

 72.6281, 0.2935,
0.2970

 73.0159, 0.2902,
0.2913

 73.0442, 0.2903,
0.2914

Harmonies

Analogous

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



66.4130, 0.4456, 0.4221



66.4130, 0.3922, 0.4622



66.4130, 0.3212, 0.4633

Triad

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



66.4130, 0.3922, 0.4622



66.4130, 0.1821, 0.2617



66.4130, 0.3666, 0.2632

Complementary

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



66.4130, 0.3922, 0.4622



16.0299, 0.2049, 0.1500

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.



66.4130, 0.2890, 0.2286



66.4130, 0.3922, 0.4622



66.4130, 0.1907, 0.2237

Square

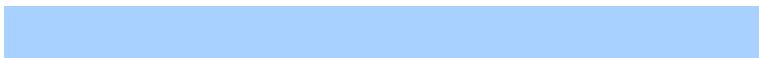
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4130, 0.3922, 0.4622



66.4130, 0.2024, 0.3295



66.4130, 0.2269, 0.2140



66.4130, 0.4342, 0.3121

Rectangle

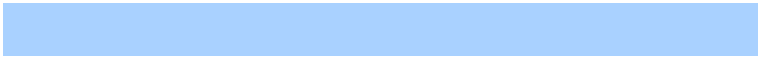
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4130, 0.3922, 0.4622



66.4130, 0.2734, 0.4333



66.4130, 0.2269, 0.2140



66.4130, 0.3403, 0.2497

Sweetspot

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



66.4161, 0.3922, 0.4622



97.4477, 0.3381, 0.3714



24.2773, 0.4820, 0.3295



20.8017, 0.3412, 0.3766



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.



66.4161, 0.3922, 0.4622



93.1548, 0.4035, 0.4814



58.7327, 0.3443, 0.4878



15.2581, 0.3266, 0.3521



38.8072, 0.4179, 0.5064



2.5159, 0.4181, 0.5062

Inverse Universe

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



16.0299, 0.2049, 0.1500



15.5419, 0.1829, 0.1136



20.7062, 0.2559, 0.1710



12.6223, 0.2982, 0.3048



3.0419, 0.1503, 0.0602



0.1989, 0.1511, 0.0606

Previews

White Background



This preview shows how the Yxy color 66.4130, 0.3922, 0.4622 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 66.4130, 0.3922, 0.4622 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 66.4130, 0.3922, 0.4622

Background



This preview shows how black text looks on a background with the Yxy color 66.4130, 0.3922, 0.4622.



This preview shows how white text looks on a background with the Yxy color 66.4130, 0.3922, 0.4622.

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

66.4130, 0.3922, 0.4622

Protanopia

66.2295, 0.4114, 0.4511

Deuteranopia

66.0042, 0.4109, 0.4065



Tritanopia

66.4055, 0.3203, 0.3118

Trichromacy



Original Color

66.4130, 0.3922, 0.4622

Protanomaly

66.0851, 0.4040, 0.4550

Deuteranomaly

65.7391, 0.4057, 0.4263

Tritanomaly

65.8919, 0.3494, 0.3683

Monochromacy



Original Color

66.4130, 0.3922, 0.4622

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.5114, 0.3448, 0.3821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4130, 0.3922, 0.4622 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(218, 219, 96)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 96)  
}
```

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(218, 219, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 96) }
```

Border

The CSS property to change the border of an element to Yxy 66.4130, 0.3922, 0.4622 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(218, 219, 96) }
```

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

```
.border{ border-color:rgb(218, 219, 96) }
```

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

Here you see how a box with a 4 pixel rgb(218, 219, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 96);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4130, 0.3922, 0.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 96) }
```

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

```
.background{ background-color: rgb(218,  
219, 96) }
```

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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