

Converting Colors

$Yxy(62.0078, 0.3695, 0.4227)$

Have a look what the booklet for
Yxy(62.0078, 0.3695, 0.4227)
contains.

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Color

Yxy(62.0761, 0.3693, 0.4225)

Conversions

Conversions Part 1

Format	Color
Hex	D3D383
RGB	211, 211, 131
RGB Percent	83%, 83%, 51%
CMY	0.1724, 0.1726, 0.4863
CMYK	0.00, 0.00, 0.38, 0.17
HSL	60°, 48%, 67%
HSV	60°, 38%, 83%
XYZ	54.2597, 62.0761, 30.5899
YIQ	201.8800, 25.6800, -24.8800

Conversions

Conversions Part 2

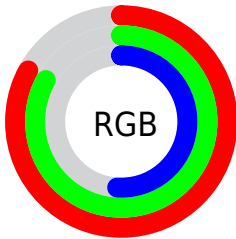
Format	Color
RYB	131, 211, 131
Decimal	13882243
CIELab	82.95, -11.75, 39.62
CIElCh	83, 41.325, 106.514
Yxy	62.0761, 0.3693, 0.4225
Android (android.graphics.Color)	4292072323 (0xFFD3D383)
YUV	201.8800, -34.9438, 7.9982
Hunter-Lab	78.7884, -14.9511, 32.1323

Details

The Yxy color **62.0761, 0.3693, 0.4225** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.7656, 0.2435, 0.2146**, and the grayscale version is **59.1969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **31.6617, 0.3808, 0.4462** is the 20% darker color. If you saturate the color by 10%, you get **61.5603, 0.3829, 0.4450**, and if you desaturate by 10%, it is **62.7140, 0.3546, 0.3983**.

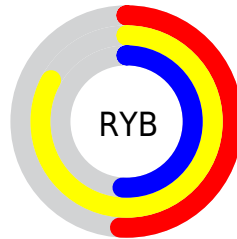
Distribution



Red (83%)

Green (83%)

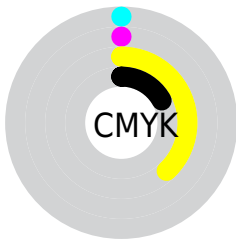
Blue (51%)



Red (51%)

Yellow (83%)

Blue (51%)

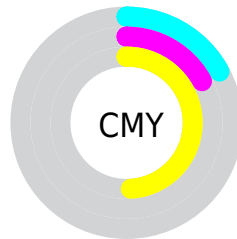


Cyan (0%)

Magenta (0%)

Yellow (38%)

Black (17%)



Cyan (17%)


Magenta (17%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0761, 0.3693, 0.4225 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 62.0761, 0.3693, 0.4225 by changing the saturation by 10% instead.


 62.0761, 0.3693,
0.4225


 62.0761, 0.3693,
0.4225


432.2086, 0.3436,
0.3777


 45.0942, 0.3748,
0.4329

 107.8355, 0.3606,
0.4068

 31.5316, 0.3813,
0.4458


 137.3818, 0.3572,
0.4007

 21.0040, 0.3890,
0.4619


 171.8850, 0.3542,
0.3955

 13.1269, 0.3980,
0.4826

211.7295, 0.3516,
0.3909

 7.5160, 0.4077,
0.5094

257.2998, 0.3492,
0.3870

 3.7868, 0.4333,
0.5667

308.9801, 0.3472,

 1.5551, 0.4140,

0.3835

0.5860

367.1549, 0.3453,
0.3804

■ 0.3270, 0.0685,
0.9315

■ 0.0000, 0.0000,
0.0000

■ 62.0761, 0.3693,
0.4225

■ 62.0761, 0.3693,
0.4225

■ 61.5603, 0.3829,
0.4450

■ 62.7140, 0.3546,
0.3983

■ 61.1511, 0.3949,
0.4648

■ 63.4722, 0.3395,
0.3733

■ 60.8434, 0.4047,
0.4810


■ 64.3595, 0.3244,
0.3483

■ 60.6283, 0.4120,
0.4930


■ 65.3814, 0.3097,
0.3241

 60.4952, 0.4167,
0.5008

 66.5434, 0.2958,
0.3010


 60.4290, 0.4190,
0.5046

 67.6817, 0.2843,
0.2820

 60.4187, 0.4194,
0.5052

 67.6852, 0.2843,
0.2820

 67.6887, 0.2843,
0.2820

 67.6922, 0.2843,
0.2820

Harmonies

Analogous

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



62.0761, 0.4061, 0.3996



62.0761, 0.3693, 0.4225



62.0761, 0.3191, 0.4177

Triad

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



62.0761, 0.3693, 0.4225



62.0761, 0.2181, 0.2823



62.0761, 0.3528, 0.2834

Complementary

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



62.0761, 0.3693, 0.4225



25.7656, 0.2435, 0.2146

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.



62.0761, 0.2992, 0.2568



62.0761, 0.3693, 0.4225



62.0761, 0.2252, 0.2537

Square

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



62.0761, 0.3693, 0.4225



62.0761, 0.2334, 0.3291



62.0761, 0.2535, 0.2458



62.0761, 0.3977, 0.3205

Rectangle

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



62.0761, 0.3693, 0.4225



62.0761, 0.2851, 0.3965



62.0761, 0.2535, 0.2458



62.0761, 0.3350, 0.2730

Sweetspot

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



62.0789, 0.3693, 0.4225



98.3173, 0.3292, 0.3562



31.7570, 0.4041, 0.3276



21.0033, 0.3313, 0.3596



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.



62.0789, 0.3693, 0.4225



94.5812, 0.3810, 0.4419



57.0489, 0.3379, 0.4333



13.7969, 0.3266, 0.3520



36.4531, 0.4194, 0.5052



2.0385, 0.4194, 0.5052

Inverse Universe

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



25.7656, 0.2435, 0.2146



30.7000, 0.2250, 0.1841



29.4436, 0.2772, 0.2244



11.4183, 0.2982, 0.3050



2.8396, 0.1500, 0.0600



0.1590, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 62.0761, 0.3693, 0.4225 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 62.0761, 0.3693, 0.4225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

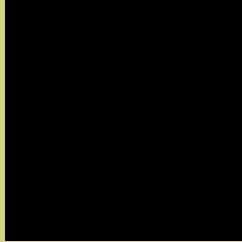
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0761, 0.3693, 0.4225

Background



This preview shows how black text looks on a background with the Yxy color 62.0761, 0.3693, 0.4225.



This preview shows how white text looks on a background with the Yxy color 62.0761, 0.3693, 0.4225.

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

62.0761, 0.3693, 0.4225

Protanopia

61.7351, 0.3844, 0.4157

Deuteranopia

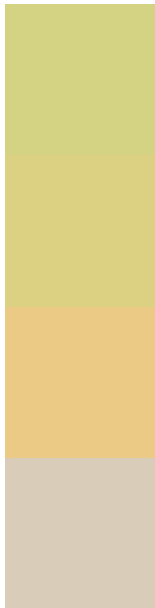
61.6102, 0.4045, 0.3957



Tritanopia

62.1033, 0.3174, 0.3123

Trichromacy



Original Color

62.0761, 0.3693, 0.4225

Protanomaly

61.9391, 0.3787, 0.4181

Deuteranomaly

61.5967, 0.3918, 0.4048

Tritanomaly

61.9171, 0.3367, 0.3521

Monochromacy



Original Color

62.0761, 0.3693, 0.4225

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7764, 0.3337, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0761, 0.3693, 0.4225 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(211, 211, 131)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 131)  
}
```

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(211, 211, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 131) }
```

Border

The CSS property to change the border of an element to Yxy 62.0761, 0.3693, 0.4225 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(211, 211, 131) }
```

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

```
.border{ border-color:rgb(211, 211, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 131);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0761, 0.3693, 0.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 131) }
```

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

```
.background{ background-color: rgb(211,  
211, 131) }
```

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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