

Converting Colors

Yxy(62.9062, 0.3874, 0.4458)

Have a look what the booklet for
Yxy(62.9062, 0.3874, 0.4458)
contains.

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Color

Yxy(62.7686, 0.3877, 0.4459)

Conversions

Conversions Part 1

Format	Color
Hex	D8D46C
RGB	216, 212, 108
RGB Percent	85%, 83%, 42%
CMY	0.1528, 0.1686, 0.5765
CMYK	0.00, 0.02, 0.50, 0.15
HSL	58°, 58%, 64%
HSV	58°, 50%, 85%
XYZ	54.5759, 62.7686, 23.4239
YIQ	201.3400, 35.7680, -31.4960

Conversions

Conversions Part 2

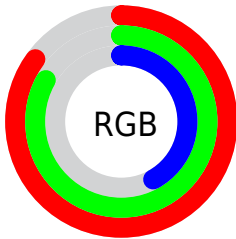
Format	Color
RYB	112, 216, 108
Decimal	14210156
CIELab	83.32, -12.52, 51.40
CIELCh	83, 52.907, 103.692
Yxy	62.7686, 0.3877, 0.4459
Android (android.graphics.Color)	4292400236 (0xFFD8D46C)
YUV	201.3400, -46.0166, 12.8568
Hunter-Lab	79.2266, -15.6855, 37.9292

Details

The Yxy color **62.7686, 0.3877, 0.4459** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.7421, 0.2184, 0.1768**, and the grayscale version is **58.9089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3886, 0.3678, 0.4200**, and **32.1102, 0.4014, 0.4732** is the 20% darker color. If you saturate the color by 10%, you get **61.9646, 0.4001, 0.4646**, and if you desaturate by 10%, it is **63.6943, 0.3736, 0.4244**.

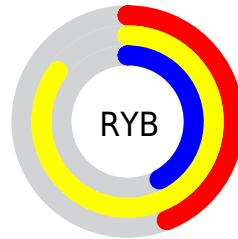
Distribution



Red (85%)

Green (83%)

Blue (42%)



Red (44%)

Yellow (85%)

Blue (42%)

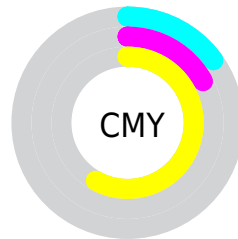


Cyan (0%)

Magenta (2%)

Yellow (50%)

Black (15%)



Cyan (15%)


Magenta (17%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7686, 0.3877, 0.4459 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 62.7686, 0.3877, 0.4459 by changing the saturation by 10% instead.


 62.7686, 0.3877,
0.4459


 62.7686, 0.3877,
0.4459


434.7292, 0.3546,
0.3908

 45.6540, 0.3943,
0.4582


 108.8356, 0.3769,
0.4269

 31.9729, 0.4019,
0.4729


 138.5568, 0.3724,
0.4195

 21.3408, 0.4103,
0.4908


 173.2491, 0.3685,
0.4131

 13.3733, 0.4189,
0.5124

 213.2967, 0.3651,
0.4075

 7.6861, 0.4289,
0.5414

259.0841, 0.3621,
0.4025

 3.8948, 0.4302,
0.5698

310.9958, 0.3593,

 1.6149, 0.4100,

0.3982

0.5900

369.4160, 0.3569,
0.3943

0.3676, 0.1062,
0.8938

0.0000, 0.0000,
0.0000

62.7686, 0.3877,
0.4459

62.7686, 0.3877,
0.4459

61.9646, 0.4001,
0.4646

63.6943, 0.3736,
0.4244

61.2652, 0.4104,
0.4797


64.7408, 0.3585,
0.4010

60.6633, 0.4182,
0.4906

65.9180, 0.3430,
0.3768

60.1474, 0.4232,
0.4971


67.2324, 0.3276,
0.3526

 59.6971, 0.4260,
0.4999

 68.6900, 0.3127,
0.3290

 70.2966, 0.2986,
0.3065

 71.7829, 0.2879,
0.2896

 72.2016, 0.2879,
0.2905

 72.6223, 0.2880,
0.2914

Harmonies

Analogous

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



62.7686, 0.4329, 0.4112



62.7686, 0.3877, 0.4459



62.7686, 0.3251, 0.4470

Triad

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



62.7686, 0.3877, 0.4459



62.7686, 0.1959, 0.2730



62.7686, 0.3569, 0.2682

Complementary

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



62.7686, 0.3877, 0.4459



19.7421, 0.2184, 0.1768

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.



62.7686, 0.2887, 0.2376



62.7686, 0.3877, 0.4459



62.7686, 0.2022, 0.2365

Square

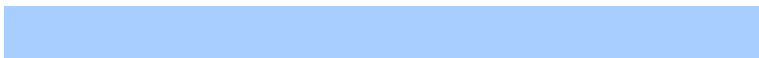
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.7686, 0.3877, 0.4459



62.7686, 0.2163, 0.3341



62.7686, 0.2340, 0.2258



62.7686, 0.4170, 0.3122

Rectangle

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



62.7686, 0.3877, 0.4459



62.7686, 0.2822, 0.4222



62.7686, 0.2340, 0.2258



62.7686, 0.3338, 0.2562

Sweetspot

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



62.7715, 0.3877, 0.4459



96.8685, 0.3355, 0.3650



26.5288, 0.4467, 0.3229



20.6478, 0.3388, 0.3702



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.



62.7715, 0.3877, 0.4459



90.1467, 0.4008, 0.4656



58.4715, 0.3465, 0.4679



14.4367, 0.3267, 0.3512



35.3597, 0.4259, 0.5000



2.1581, 0.4247, 0.5010

Inverse Universe

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



19.7421, 0.2184, 0.1768



20.7100, 0.1968, 0.1412



22.8123, 0.2587, 0.1868



12.0823, 0.2981, 0.3058



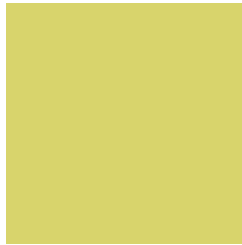
3.0731, 0.1507, 0.0625



0.2122, 0.1529, 0.0705

Previews

White Background



This preview shows how the Yxy color 62.7686, 0.3877, 0.4459 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 62.7686, 0.3877, 0.4459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

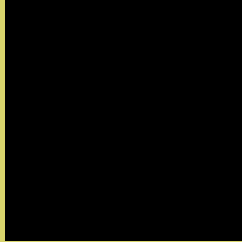
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7686, 0.3877, 0.4459

Background



This preview shows how black text looks on a background with the Yxy color 62.7686, 0.3877, 0.4459.



This preview shows how white text looks on a background with the Yxy color 62.7686, 0.3877, 0.4459.

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

62.7686, 0.3877, 0.4459

Protanopia

62.8313, 0.4012, 0.4383

Deuteranopia

62.6288, 0.4247, 0.4157



Tritanopia

62.5973, 0.3221, 0.3115

Trichromacy



Original Color

62.7686, 0.3877, 0.4459

Protanomaly

62.5098, 0.3965, 0.4411

Deuteranomaly

62.3848, 0.4108, 0.4260

Tritanomaly

62.0480, 0.3478, 0.3599

Monochromacy



Original Color

62.7686, 0.3877, 0.4459

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5745, 0.3412, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7686, 0.3877, 0.4459 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(216, 212, 108)` looks like.

```
.text, #text, p{  
    color:rgb(216, 212, 108)  
}
```

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(216, 212, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 212, 108) }
```

Border

The CSS property to change the border of an element to Yxy 62.7686, 0.3877, 0.4459 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(216, 212, 108) }
```

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

```
.border{ border-color:rgb(216, 212, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 212, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 212, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 212, 108);  
box-shadow:4px 4px 4px 4px rgb(216, 212,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7686, 0.3877, 0.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 212, 108) }
```

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

```
.background{ background-color: rgb(216,  
212, 108) }
```

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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