

Converting Colors

$Yxy(62.0931, 0.3610, 0.4510)$

Have a look what the booklet for
Yxy(62.0931, 0.3610, 0.4510)
contains.

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Color

Yxy(62.0931, 0.3610, 0.4510)

Conversions

Conversions Part 1

Format	Color
Hex	C0D974
RGB	192, 217, 116
RGB Percent	75%, 85%, 45%
CMY	0.2471, 0.1490, 0.5452
CMYK	0.12, 0.00, 0.47, 0.15
HSL	75°, 57%, 65%
HSV	75°, 47%, 85%
XYZ	49.7020, 62.0931, 25.8836
YIQ	198.0110, 17.5210, -36.7110

Conversions

Conversions Part 2

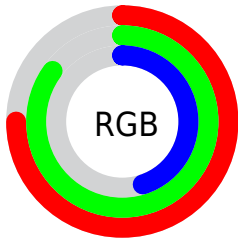
Format	Color
RYB	116, 217, 141
Decimal	12638580
CIELab	82.96, -23.74, 46.73
CIElCh	83, 52.416, 116.931
Yxy	62.0931, 0.3610, 0.4510
Android (android.graphics.Color)	4290828660 (0xFFC0D974)
YUV	198.0110, -40.4314, -5.2716
Hunter-Lab	78.7992, -25.3110, 35.6841

Details

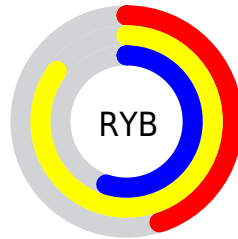
The Yxy color **62.0931, 0.3610, 0.4510** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.1602, 0.2450, 0.1907**, and the grayscale version is **56.7217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7463, 0.3597, 0.4135**, and **31.5292, 0.3697, 0.4824** is the 20% darker color. If you saturate the color by 10%, you get **60.9599, 0.3687, 0.4757**, and if you desaturate by 10%, it is **63.3754, 0.3517, 0.4246**.

Distribution



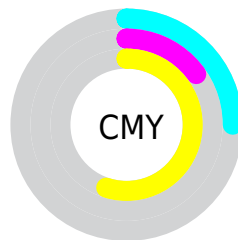
- Red (75%)
- Green (85%)
- Blue (45%)



- Red (45%)
- Yellow (85%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (47%)
- Black (15%)





- Cyan (25%)
- Magenta (15%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0931, 0.3610, 0.4510 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 62.0931, 0.3610, 0.4510 by changing the saturation by 10% instead.


 62.0931, 0.3610,
0.4510


 62.0931, 0.3610,
0.4510


432.2706, 0.3405,
0.3915


 45.1079, 0.3648,
0.4650


 107.8601, 0.3545,
0.4300

 31.5424, 0.3690,
0.4823


 137.4107, 0.3518,
0.4219

 21.0123, 0.3732,
0.5041

 171.9185, 0.3494,
0.4150

 13.1330, 0.3767,
0.5319

211.7680, 0.3472,
0.4090

 7.5202, 0.3779,
0.5687

257.3436, 0.3453,
0.4038

 3.7895, 0.3757,
0.6243

309.0296, 0.3435,

 1.5565, 0.3351,

0.3992

0.6649

367.2105, 0.3420,
0.3952

■ 0.3280, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0931, 0.3610,
0.4510

■ 62.0931, 0.3610,
0.4510

■ 60.9599, 0.3687,
0.4757

■ 63.3754, 0.3517,
0.4246

■ 59.9589, 0.3744,
0.4976


■ 64.8062, 0.3415,
0.3975

■ 59.0832, 0.3777,
0.5155

■ 66.3955, 0.3307,
0.3708


■ 58.3214, 0.3784,
0.5289

■ 68.1501, 0.3198,
0.3451

 57.6593, 0.3766,
0.5375

 70.0760, 0.3091,
0.3208

 57.4454, 0.3757,
0.5399

 72.1792, 0.2988,
0.2983

 73.6069, 0.2969,
0.2900

 74.5076, 0.3006,
0.2904

 75.4358, 0.3043,
0.2908

Harmonies

Analogous

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



62.0931, 0.4157, 0.4288



62.0931, 0.3610, 0.4510



62.0931, 0.2965, 0.4322

Triad

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



62.0931, 0.3610, 0.4510



62.0931, 0.1961, 0.2540



62.0931, 0.3856, 0.2867

Complementary

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



62.0931, 0.3610, 0.4510



23.1602, 0.2450, 0.1907

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.



62.0931, 0.3182, 0.2495



62.0931, 0.3610, 0.4510



62.0931, 0.2137, 0.2293

Square

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



62.0931, 0.3610, 0.4510



62.0931, 0.2046, 0.3048



62.0931, 0.2559, 0.2289



62.0931, 0.4338, 0.3341

Rectangle

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



62.0931, 0.3610, 0.4510



62.0931, 0.2567, 0.3959



62.0931, 0.2559, 0.2289



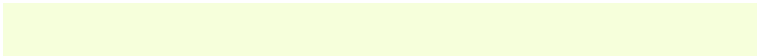
62.0931, 0.3639, 0.2728

Sweetspot

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



62.0959, 0.3610, 0.4510



96.2723, 0.3280, 0.3644



34.6406, 0.4246, 0.3580



20.4925, 0.3304, 0.3701



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.



62.0959, 0.3610, 0.4510



87.8547, 0.3687, 0.4756



56.7229, 0.3236, 0.4672



15.0931, 0.3229, 0.3524



34.8238, 0.3764, 0.5394



2.2955, 0.3837, 0.5336

Inverse Universe

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



23.1602, 0.2450, 0.1907



25.1069, 0.2269, 0.1582



28.4537, 0.2910, 0.2069



12.7721, 0.3019, 0.3051



3.5447, 0.1646, 0.0680



0.2701, 0.1813, 0.0772

Previews

White Background



This preview shows how the Yxy color 62.0931, 0.3610, 0.4510 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 62.0931, 0.3610, 0.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

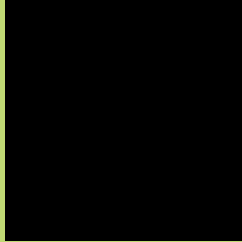
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0931, 0.3610, 0.4510

Background



This preview shows how black text looks on a background with the Yxy color 62.0931, 0.3610, 0.4510.



This preview shows how white text looks on a background with the Yxy color 62.0931, 0.3610, 0.4510.

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

62.0931, 0.3610, 0.4510

Protanopia

61.6434, 0.3976, 0.4324

Deuteranopia

61.8222, 0.4166, 0.4075



Tritanopia

61.8622, 0.3016, 0.3107

Trichromacy



Original Color

62.0931, 0.3610, 0.4510

Protanomaly

61.5816, 0.3839, 0.4398

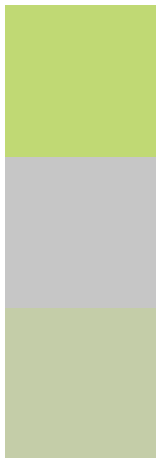
Deuteranomaly

61.3406, 0.3965, 0.4226

Tritanomaly

61.2992, 0.3241, 0.3602

Monochromacy



Original Color

62.0931, 0.3610, 0.4510

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.2256, 0.3323, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0931, 0.3610, 0.4510 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(192, 217, 116)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 116)  
}
```

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(192, 217, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 116) }
```

Border

The CSS property to change the border of an element to Yxy 62.0931, 0.3610, 0.4510 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(192, 217, 116) }
```

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

```
.border{ border-color:rgb(192, 217, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 217, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 217, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 217, 116); box-shadow:4px 4px 4px 4px rgb(192, 217, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0931, 0.3610, 0.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 116) }
```

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

```
.background{ background-color: rgb(192,  
217, 116) }
```

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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