

Converting Colors

$Yxy(61.1905, 0.3997, 0.4510)$

Have a look what the booklet for
Yxy(61.1905, 0.3997, 0.4510)
contains.

| | |
|---|----|
| Yxy(61.1905, 0.3997, 0.4510) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(61.1905, 0.3997, 0.4510)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DCD061 |
| RGB | 220, 208, 97 |
| RGB Percent | 86%, 82%, 38% |
| CMY | 0.1372, 0.1843, 0.6197 |
| CMYK | 0.00, 0.05, 0.56, 0.14 |
| HSL | 54°, 64%, 62% |
| HSV | 54°, 56%, 86% |
| XYZ | 54.2303, 61.1905, 20.2566 |
| YIQ | 198.9340, 42.7830, -31.9770 |

Conversions

Conversions Part 2

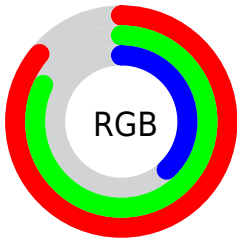
| Format | Color |
|--|---|
| RYB | 110, 220, 97 |
| Decimal | 14471265 |
| CIELab | 82.48, -9.78, 55.62 |
| CIElCh | 82, 56.475, 99.976 |
| Yxy | 61.1905, 0.3997, 0.4510 |
| Android (android.graphics.Color) | 4292661345 (0xFFDCD061) |
| YUV | 198.9340, -50.2535, 18.4749 |
| Hunter-Lab | 78.2244, -13.1447, 39.4036 |

Details

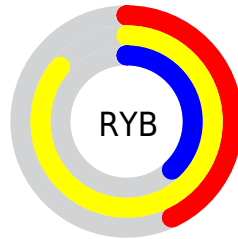
The Yxy color **61.1905, 0.3997, 0.4510** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.6428, 0.2081, 0.1664**, and the grayscale version is **57.3657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0144, 0.3739, 0.4302**, and **30.9744, 0.4151, 0.4778** is the 20% darker color. If you saturate the color by 10%, you get **59.7984, 0.4126, 0.4671**, and if you desaturate by 10%, it is **62.7162, 0.3851, 0.4318**.

Distribution



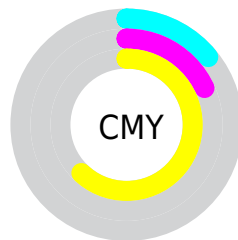
- Red (86%)
- Green (82%)
- Blue (38%)



- Red (43%)
- Yellow (86%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (56%)
- Black (14%)





- Cyan (14%)
- Magenta (18%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1905, 0.3997, 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 61.1905, 0.3997, 0.4510 by changing the saturation by 10% instead.


 61.1905, 0.3997,
0.4510


 61.1905, 0.3997,
0.4510


428.9721, 0.3613,
0.3942


 44.3789, 0.4073,
0.4633


 106.5547, 0.3872,
0.4317


 30.9685, 0.4159,
0.4778


 135.8761, 0.3820,
0.4240

 20.5749, 0.4252,
0.4950


 170.1363, 0.3775,
0.4174

 12.8136, 0.4346,
0.5149

 209.7196, 0.3735,
0.4116

 7.3003, 0.4506,
0.5474

255.0105, 0.3700,
0.4065

 3.6506, 0.4420,
0.5580

306.3932, 0.3668,

 1.4801, 0.4256,

0.4019

0.5744

364.2523, 0.3639,
0.3979

■ 0.2747, 0.0749,
0.9251

■ 0.0000, 0.0000,
0.0000

■ 61.1905, 0.3997,
0.4510

■ 61.1905, 0.3997,
0.4510

■ 59.7984, 0.4126,
0.4671

■ 62.7162, 0.3851,
0.4318

■ 58.5217, 0.4231,
0.4791

■ 64.3757, 0.3693,
0.4103


■ 57.3519, 0.4310,
0.4868

■ 66.1795, 0.3532,
0.3877

■ 56.2750, 0.4361,
0.4900


■ 68.1349, 0.3371,
0.3647


 55.8522, 0.4378,
0.4906

 70.2484, 0.3215,
0.3420

 72.5263, 0.3068,
0.3202

 74.9745, 0.2931,
0.2997

 76.3850, 0.2908,
0.2980

 77.5545, 0.2909,
0.3003

Harmonies

Analogous

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



61.1905, 0.4452, 0.4098



61.1905, 0.3997, 0.4510



61.1905, 0.3339, 0.4593

Triad

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



61.1905, 0.3997, 0.4510



61.1905, 0.1894, 0.2751



61.1905, 0.3508, 0.2592

Complementary

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



61.1905, 0.3997, 0.4510



18.6428, 0.2081, 0.1664

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.



61.1905, 0.2783, 0.2290



61.1905, 0.3997, 0.4510



61.1905, 0.1927, 0.2332

Square

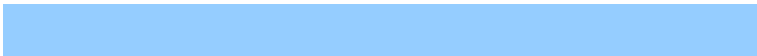
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1905, 0.3997, 0.4510



61.1905, 0.2142, 0.3434



61.1905, 0.2229, 0.2190



61.1905, 0.4184, 0.3043

Rectangle

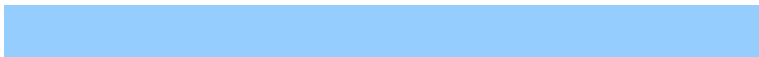
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.1905, 0.3997, 0.4510



61.1905, 0.2876, 0.4369



61.1905, 0.2229, 0.2190



61.1905, 0.3258, 0.2471

Sweetspot

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



61.1934, 0.3997, 0.4510



94.8462, 0.3390, 0.3675



24.8734, 0.4637, 0.3154



20.1800, 0.3423, 0.3721



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.



61.1934, 0.3997, 0.4510



83.2420, 0.4145, 0.4693



60.6896, 0.3536, 0.4822



15.0353, 0.3269, 0.3499



32.8676, 0.4374, 0.4909



2.1936, 0.4341, 0.4935

Inverse Universe

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



18.6428, 0.2081, 0.1664



18.3848, 0.1863, 0.1299



19.8424, 0.2445, 0.1668



12.8205, 0.2981, 0.3072



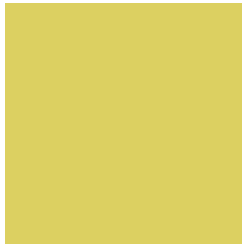
3.4311, 0.1520, 0.0670



0.2937, 0.1571, 0.0855

Previews

White Background



This preview shows how the Yxy color 61.1905, 0.3997, 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 61.1905, 0.3997, 0.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

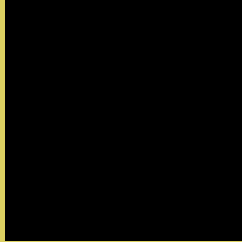
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1905, 0.3997, 0.4510

Background



This preview shows how black text looks on a background with the Yxy color 61.1905, 0.3997, 0.4510.



This preview shows how white text looks on a background with the Yxy color 61.1905, 0.3997, 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

61.1905, 0.3997, 0.4510

Protanopia

60.8381, 0.4080, 0.4462

Deuteranopia

60.8330, 0.4338, 0.4234



Tritanopia

61.1719, 0.3294, 0.3126

Trichromacy



Original Color

61.1905, 0.3997, 0.4510

Protanomaly

60.8344, 0.4048, 0.4484

Deuteranomaly

60.9102, 0.4211, 0.4334

Tritanomaly

60.5417, 0.3574, 0.3632

Monochromacy



Original Color

61.1905, 0.3997, 0.4510

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.1151, 0.3464, 0.3772

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1905, 0.3997, 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(220, 208, 97)` looks like.

```
.text, #text, p{  
    color:rgb(220, 208, 97)  
}
```

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(220, 208, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 208, 97) }
```

Border

The CSS property to change the border of an element to Yxy 61.1905, 0.3997, 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(220, 208, 97) }
```

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

```
.border{ border-color:rgb(220, 208, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 208, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 208, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 208, 97);  
box-shadow:4px 4px 4px 4px rgb(220, 208,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1905, 0.3997, 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(220, 208, 97) }
```

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

```
.background{ background-color: rgb(220,  
208, 97) }
```

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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