

Converting Colors

$Y_{xy}(52.9639, 0.3922, 0.4278)$

Have a look what the booklet for
Yxy(52.9639, 0.3922, 0.4278)
contains.

Yxy(53.1146, 0.3922, 0.4273)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.1146, 0.3922, 0.4273)

Conversions

Conversions Part 1

Format	Color
Hex	D3C16E
RGB	211, 193, 110
RGB Percent	83%, 76%, 43%
CMY	0.1725, 0.2431, 0.5686
CMYK	0.00, 0.09, 0.48, 0.17
HSL	49°, 53%, 63%
HSV	49°, 48%, 83%
XYZ	48.7516, 53.1146, 22.4367
YIQ	188.9200, 37.3710, -21.9970

Conversions

Conversions Part 2

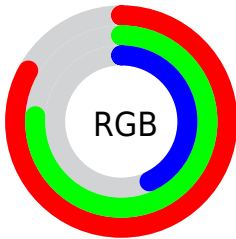
Format	Color
RYB	132, 211, 110
Decimal	13877614
CIELab	77.94, -4.69, 43.84
CIELCh	78, 44.089, 96.100
Yxy	53.1146, 0.3922, 0.4273
Android (android.graphics.Color)	4292067694 (0xFFD3C16E)
YUV	188.9200, -38.9076, 19.3642
Hunter-Lab	72.8798, -8.1353, 32.7629

Details

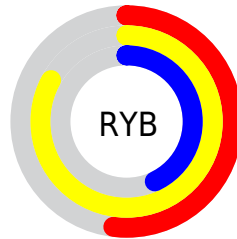
The Yxy color **53.1146, 0.3922, 0.4273** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.4636, 0.2270, 0.2055**, and the grayscale version is **51.0540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6557, 0.3691, 0.4140**, and **25.9524, 0.4089, 0.4512** is the 20% darker color. If you saturate the color by 10%, you get **51.0681, 0.4087, 0.4448**, and if you desaturate by 10%, it is **55.3179, 0.3750, 0.4076**.

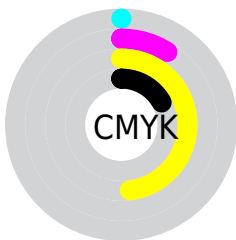
Distribution



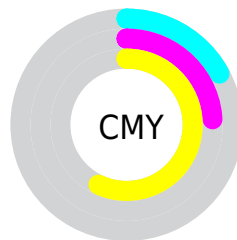
- Red (83%)
- Green (76%)
- Blue (43%)



- Red (52%)
- Yellow (83%)
- Blue (43%)



- Cyan (0%)
- Magenta (9%)
- Yellow (48%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1146, 0.3922, 0.4273 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 53.1146, 0.3922, 0.4273 by changing the saturation by 10% instead.


 53.1146, 0.3922,
0.4273


 53.1146, 0.3922,
0.4273

398.7246, 0.3550,
0.3801


 37.8943, 0.4004,
0.4380


 94.7730, 0.3794,
0.4108

 25.9006, 0.4101,
0.4511


 121.9798, 0.3744,
0.4045

 16.7493, 0.4217,
0.4671


 153.9509, 0.3700,
0.3990

 10.0559, 0.4351,
0.4866

 191.0707, 0.3662,
0.3942

 5.4361, 0.4551,
0.5161

233.7236, 0.3629,
0.3900

 2.5053, 0.4630,
0.5370

282.2940, 0.3599,

 0.8793, 0.4507,

0.3863

0.5493

337.1662, 0.3573,
0.3831

0.0000, 0.0000,
0.0000

53.1146, 0.3922,
0.4273

53.1146, 0.3922,
0.4273

51.0681, 0.4087,
0.4448

55.3179, 0.3750,
0.4076

49.1626, 0.4237,
0.4592

57.6778, 0.3576,
0.3868

47.3915, 0.4364,
0.4696

60.2038, 0.3407,
0.3656


45.7439, 0.4465,
0.4754


62.9022, 0.3246,
0.3448

44.2044, 0.4537,
0.4768

65.7788, 0.3096,
0.3248

 43.8847, 0.4551,
0.4768

 68.8393, 0.2958,
0.3060

 71.9127, 0.2847,
0.2911

 73.9025, 0.2849,
0.2952

 75.9371, 0.2851,
0.2993

Harmonies

Analogous

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



53.1146, 0.4254, 0.3932



53.1146, 0.3922, 0.4273



53.1146, 0.3393, 0.4356

Triad

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



53.1146, 0.3922, 0.4273



53.1146, 0.2107, 0.2922



53.1146, 0.3366, 0.2664

Complementary

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



53.1146, 0.3922, 0.4273



23.4636, 0.2270, 0.2055

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.



53.1146, 0.2779, 0.2426



53.1146, 0.3922, 0.4273



53.1146, 0.2101, 0.2531

Square

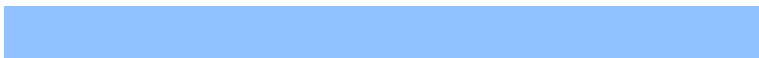
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1146, 0.3922, 0.4273



53.1146, 0.2357, 0.3496



53.1146, 0.2333, 0.2371



53.1146, 0.3932, 0.3039

Rectangle

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



53.1146, 0.3922, 0.4273



53.1146, 0.3006, 0.4202



53.1146, 0.2333, 0.2371



53.1146, 0.3163, 0.2567

Sweetspot

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



53.1171, 0.3922, 0.4273



93.9153, 0.3346, 0.3578



26.5772, 0.4192, 0.3063



19.9114, 0.3382, 0.3624



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.



53.1171, 0.3922, 0.4273



78.4606, 0.4083, 0.4444



57.3082, 0.3563, 0.4567



13.4240, 0.3270, 0.3480



26.6170, 0.4545, 0.4773



1.5843, 0.4469, 0.4833

Inverse Universe

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



23.4636, 0.2270, 0.2055



28.0003, 0.2081, 0.1756



21.6081, 0.2490, 0.1889



11.7538, 0.2982, 0.3093



3.7676, 0.1548, 0.0771



0.3167, 0.1636, 0.1089

Previews

White Background



This preview shows how the Yxy color 53.1146, 0.3922, 0.4273 looks on a white background.

Color Contrast Check

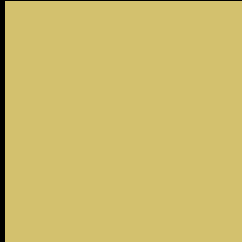
Large Text (above 18pt) WCAG AA × Fail

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 53.1146, 0.3922, 0.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

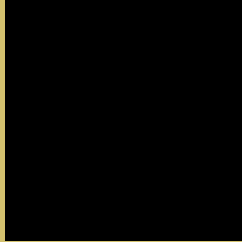
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1146, 0.3922, 0.4273

Background



This preview shows how black text looks on a background with the Yxy color 53.1146, 0.3922, 0.4273.



This preview shows how white text looks on a background with the Yxy color 53.1146, 0.3922, 0.4273.

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

53.1146, 0.3922, 0.4273

Protanopia

53.2628, 0.3931, 0.4270

Deuteranopia

52.9433, 0.4165, 0.4084



Tritanopia

53.1138, 0.3330, 0.3129

Trichromacy



Original Color

53.1146, 0.3922, 0.4273

Protanomaly

53.2628, 0.3931, 0.4270

Deuteranomaly

52.8571, 0.4083, 0.4150

Tritanomaly

53.0090, 0.3564, 0.3553

Monochromacy



Original Color

53.1146, 0.3922, 0.4273

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2353, 0.3422, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1146, 0.3922, 0.4273 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, 193, 110)` looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 110)  
}
```

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, 193, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 110) }
```

Border

The CSS property to change the border of an element to Yxy 53.1146, 0.3922, 0.4273 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, 193, 110) }
```

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

```
.border{ border-color:rgb(211, 193, 110) }
```

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

Here you see how a box with a 4 pixel rgb(211, 193, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 110);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1146, 0.3922, 0.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 110) }
```

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

```
.background{ background-color: rgb(211,  
193, 110) }
```

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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