

Converting Colors

Yxy(57.9080, 0.4141, 0.4565)

Have a look what the booklet for
Yxy(57.9080, 0.4141, 0.4565)
contains.

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Color

Yxy(57.9121, 0.4142, 0.4566)

Conversions

Conversions Part 1

Format	Color
Hex	DEC952
RGB	222, 201, 82
RGB Percent	87%, 79%, 32%
CMY	0.1294, 0.2117, 0.6785
CMYK	0.00, 0.09, 0.63, 0.13
HSL	51°, 68%, 60%
HSV	51°, 63%, 87%
XYZ	52.5344, 57.9121, 16.3869
YIQ	193.7130, 50.7150, -32.5570

Conversions

Conversions Part 2

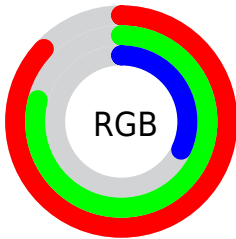
Format	Color
RYB	107, 222, 82
Decimal	14600530
CIELab	80.69, -6.43, 60.32
CIELCh	81, 60.665, 96.086
Yxy	57.9121, 0.4142, 0.4566
Android (android.graphics.Color)	4292790610 (0xFFDEC952)
YUV	193.7130, -55.0745, 24.8077
Hunter-Lab	76.1000, -9.9505, 40.5029

Details

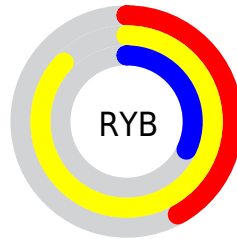
The Yxy color **57.9121, 0.4142, 0.4566** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **16.7633, 0.1965, 0.1531**, and the grayscale version is **54.0800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5576, 0.3819, 0.4434**, and **28.8259, 0.4333, 0.4821** is the 20% darker color. If you saturate the color by 10%, you get **56.0942, 0.4271, 0.4693**, and if you desaturate by 10%, it is **59.8784, 0.3992, 0.4402**.

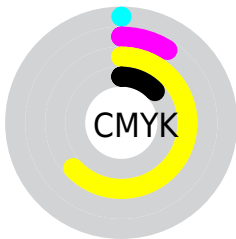
Distribution



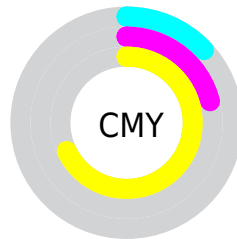
- Red (87%)
- Green (79%)
- Blue (32%)



- Red (42%)
- Yellow (87%)
- Blue (32%)



- Cyan (0%)
- Magenta (9%)
- Yellow (63%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9121, 0.4142, 0.4566 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 57.9121, 0.4142, 0.4566 by changing the saturation by 10% instead.

 57.9121, 0.4142,
0.4566

 57.9121, 0.4142,
0.4566


416.8583, 0.3694,
0.3981


 41.7380, 0.4229,
0.4688


 101.7948, 0.3996,
0.4370

 28.8962, 0.4326,
0.4828


 130.2723, 0.3936,
0.4291


 19.0023, 0.4429,
0.4987


 163.6196, 0.3884,
0.4223

 11.6719, 0.4531,
0.5165

 202.2212, 0.3837,
0.4162

 6.5207, 0.4630,
0.5370

 246.4615, 0.3795,
0.4109

 3.1642, 0.4563,
0.5437

296.7248, 0.3757,

 1.2181, 0.4444,

0.4061

0.5556

353.3956, 0.3724,
0.4019

■ 0.0764, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9121, 0.4142,
0.4566

■ 57.9121, 0.4142,
0.4566

■ 56.0942, 0.4271,
0.4693

■ 59.8784, 0.3992,
0.4402

■ 54.4054, 0.4375,
0.4776

■ 61.9946, 0.3830,
0.4210

■ 52.8348, 0.4450,
0.4813

■ 64.2721, 0.3661,
0.4001

■ 51.8011, 0.4489,
0.4818

■ 66.7190, 0.3492,
0.3783

■ 69.3424, 0.3328,
0.3565

■ 72.1493, 0.3173,
0.3353

■ 75.1459, 0.3028,
0.3151

■ 78.0397, 0.2921,
0.3007

■ 79.8855, 0.2922,
0.3042

Harmonies

Analogous

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



57.9121, 0.4603, 0.4078



57.9121, 0.4142, 0.4566



57.9121, 0.3443, 0.4741

Triad

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



57.9121, 0.4142, 0.4566



57.9121, 0.1812, 0.2776



57.9121, 0.3433, 0.2483

Complementary

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



57.9121, 0.4142, 0.4566



16.7633, 0.1965, 0.1531

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.



57.9121, 0.2658, 0.2185



57.9121, 0.4142, 0.4566



57.9121, 0.1813, 0.2289

Square

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



57.9121, 0.4142, 0.4566



57.9121, 0.2113, 0.3553



57.9121, 0.2097, 0.2107



57.9121, 0.4202, 0.2947

Rectangle

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



57.9121, 0.4142, 0.4566



57.9121, 0.2940, 0.4551



57.9121, 0.2097, 0.2107



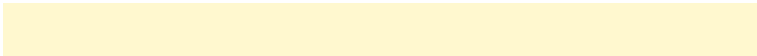
57.9121, 0.3161, 0.2362

Sweetspot

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



57.9148, 0.4142, 0.4566



92.7142, 0.3427, 0.3697



22.5406, 0.4847, 0.3070



19.6269, 0.3475, 0.3760



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.



57.9148, 0.4142, 0.4566



75.9566, 0.4311, 0.4727



61.7379, 0.3615, 0.4973



15.6609, 0.3271, 0.3488



30.8975, 0.4484, 0.4822



2.2380, 0.4432, 0.4863

Inverse Universe

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



16.7633, 0.1965, 0.1531



15.5755, 0.1745, 0.1149



16.1298, 0.2271, 0.1433



13.5734, 0.2981, 0.3084



3.8887, 0.1536, 0.0727



0.3749, 0.1602, 0.0966

Previews

White Background



This preview shows how the Yxy color 57.9121, 0.4142, 0.4566 looks on a white background.

Color Contrast Check

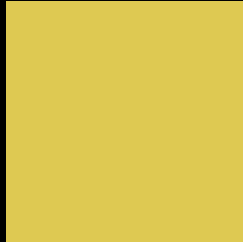
Large Text (above 18pt) WCAG AA × Fail

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 57.9121, 0.4142, 0.4566 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 57.9121, 0.4142, 0.4566

Background



This preview shows how black text looks on a background with the Yxy color 57.9121, 0.4142, 0.4566.



This preview shows how white text looks on a background with the Yxy color 57.9121, 0.4142, 0.4566.

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

57.9121, 0.4142, 0.4566

Protanopia

58.0705, 0.4150, 0.4561

Deuteranopia

57.6225, 0.4434, 0.4321



Tritanopia

58.0306, 0.3383, 0.3137

Trichromacy



Original Color

57.9121, 0.4142, 0.4566

Protanomaly

58.0705, 0.4150, 0.4561

Deuteranomaly

57.5744, 0.4326, 0.4409

Tritanomaly

57.3011, 0.3701, 0.3679

Monochromacy



Original Color

57.9121, 0.4142, 0.4566

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.0698, 0.3520, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9121, 0.4142, 0.4566 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(222, 201, 82)` looks like.

```
.text, #text, p{  
    color:rgb(222, 201, 82)  
}
```

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(222, 201, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 82) }
```

Border

The CSS property to change the border of an element to Yxy 57.9121, 0.4142, 0.4566 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(222, 201, 82) }
```

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

```
.border{ border-color:rgb(222, 201, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 201, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 82);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9121, 0.4142, 0.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 201, 82) }
```

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

```
.background{ background-color: rgb(222,  
201, 82) }
```

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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