

Converting Colors

$Y_{xy}(57.6232, 0.4060, 0.4622)$

Have a look what the booklet for
Yxy(57.6232, 0.4060, 0.4622)
contains.

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Color

Yxy(57.6172, 0.4060, 0.4622)

Conversions

Conversions Part 1

Format	Color
Hex	D6CB52
RGB	214, 203, 82
RGB Percent	84%, 80%, 32%
CMY	0.1608, 0.2039, 0.6785
CMYK	0.00, 0.05, 0.62, 0.16
HSL	55°, 62%, 58%
HSV	55°, 62%, 84%
XYZ	50.6114, 57.6172, 16.4300
YIQ	192.4950, 45.3970, -35.2990

Conversions

Conversions Part 2

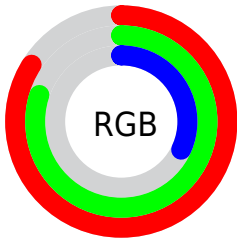
Format	Color
RYB	94, 214, 82
Decimal	14076754
CIELab	80.53, -10.79, 59.95
CIELCh	81, 60.910, 100.206
Yxy	57.6172, 0.4060, 0.4622
Android (android.graphics.Color)	4292266834 (0xFFD6CB52)
YUV	192.4950, -54.4740, 18.8599
Hunter-Lab	75.9060, -13.8181, 40.3008

Details

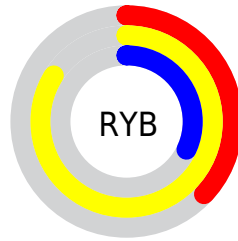
The Yxy color **57.6172, 0.4060, 0.4622** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **14.4725, 0.1965, 0.1456**, and the grayscale version is **53.3225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5576, 0.3819, 0.4434**, and **28.6288, 0.4220, 0.4907** is the 20% darker color. If you saturate the color by 10%, you get **56.5058, 0.4172, 0.4762**, and if you desaturate by 10%, it is **58.8452, 0.3927, 0.4445**.

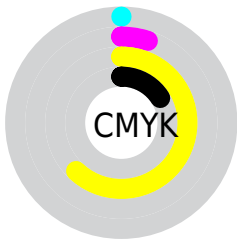
Distribution



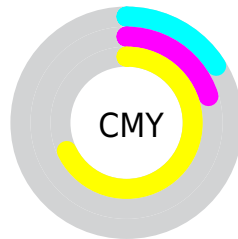
- Red (84%)
- Green (80%)
- Blue (32%)



- Red (37%)
- Yellow (84%)
- Blue (32%)



- Cyan (0%)
- Magenta (5%)
- Yellow (62%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6172, 0.4060, 0.4622 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 57.6172, 0.4060, 0.4622 by changing the saturation by 10% instead.


 57.6172, 0.4060,
0.4622


 57.6172, 0.4060,
0.4622


415.7580, 0.3652,
0.4001


 41.5010, 0.4138,
0.4754


 101.3652, 0.3929,
0.4412

 28.7107, 0.4223,
0.4909


 129.7658, 0.3874,
0.4328


 18.8621, 0.4310,
0.5088


 163.0299, 0.3826,
0.4255

 11.5707, 0.4391,
0.5292

 201.5420, 0.3783,
0.4192

 6.4521, 0.4460,
0.5540

 245.6865, 0.3745,
0.4136

 3.1219, 0.4344,
0.5656

295.8477, 0.3711,

 1.1957, 0.4138,

0.4086

0.5862

352.4101, 0.3680,
0.4041

0.0582, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6172, 0.4060,
0.4622

57.6172, 0.4060,
0.4622

56.5058, 0.4172,
0.4762

58.8452, 0.3927,
0.4445

55.4931, 0.4258,
0.4859

60.1904, 0.3778,
0.4241

54.5701, 0.4317,
0.4912

61.6631, 0.3621,
0.4018

53.8550, 0.4349,
0.4929

63.2702, 0.3461,
0.3786

■ 65.0184, 0.3304,
0.3554

■ 66.9135, 0.3152,
0.3327

■ 68.9613, 0.3009,
0.3112

■ 71.1670, 0.2877,
0.2909

■ 72.2098, 0.2867,
0.2910

Harmonies

Analogous

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



57.6172, 0.4568, 0.4157



57.6172, 0.4060, 0.4622



57.6172, 0.3340, 0.4733

Triad

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



57.6172, 0.4060, 0.4622



57.6172, 0.1789, 0.2686



57.6172, 0.3548, 0.2534

Complementary

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



57.6172, 0.4060, 0.4622



14.4725, 0.1965, 0.1456

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.



57.6172, 0.2753, 0.2209



57.6172, 0.4060, 0.4622



57.6172, 0.1829, 0.2241

Square

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



57.6172, 0.4060, 0.4622



57.6172, 0.2048, 0.3436



57.6172, 0.2153, 0.2098



57.6172, 0.4295, 0.3018

Rectangle

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



57.6172, 0.4060, 0.4622



57.6172, 0.2837, 0.4487



57.6172, 0.2153, 0.2098



57.6172, 0.3272, 0.2405

Sweetspot

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



57.6199, 0.4060, 0.4622



94.7137, 0.3421, 0.3728



21.1571, 0.4884, 0.3148



20.1171, 0.3467, 0.3795



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.



57.6199, 0.4060, 0.4622



83.5501, 0.4201, 0.4796



56.3032, 0.3557, 0.4968



14.3346, 0.3268, 0.3502



32.6236, 0.4346, 0.4931



2.0211, 0.4317, 0.4954

Inverse Universe

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



14.4725, 0.1965, 0.1456



14.4273, 0.1742, 0.1077



16.0190, 0.2357, 0.1504



12.1734, 0.2981, 0.3069



3.2551, 0.1516, 0.0658



0.2554, 0.1564, 0.0829

Previews

White Background



This preview shows how the Yxy color 57.6172, 0.4060, 0.4622 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 57.6172, 0.4060, 0.4622 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 57.6172, 0.4060, 0.4622

Background



This preview shows how black text looks on a background with the Yxy color 57.6172, 0.4060, 0.4622.



This preview shows how white text looks on a background with the Yxy color 57.6172, 0.4060, 0.4622.

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

57.6172, 0.4060, 0.4622

Protanopia

57.5906, 0.4163, 0.4560

Deuteranopia

57.4553, 0.4420, 0.4318



Tritanopia

57.2422, 0.3299, 0.3122

Trichromacy



Original Color

57.6172, 0.4060, 0.4622

Protanomaly

57.5830, 0.4130, 0.4583

Deuteranomaly

57.5190, 0.4287, 0.4424

Tritanomaly

56.9404, 0.3617, 0.3699

Monochromacy



Original Color

57.6172, 0.4060, 0.4622

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.0262, 0.3496, 0.3837

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6172, 0.4060, 0.4622 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(214, 203, 82)` looks like.

```
.text, #text, p{  
    color:rgb(214, 203, 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(214, 203, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 203, 82) }
```

Border

The CSS property to change the border of an element to Yxy 57.6172, 0.4060, 0.4622 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(214, 203, 82) }
```

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

```
.border{ border-color:rgb(214, 203, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 203, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 203, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 203, 82);  
box-shadow:4px 4px 4px 4px rgb(214, 203,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6172, 0.4060, 0.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 203, 82) }
```

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

```
.background{ background-color: rgb(214,  
203, 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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