

Converting Colors

$Y_{xy}(62.3920, 0.4171, 0.5027)$

Have a look what the booklet for
Yxy(62.3920, 0.4171, 0.5027)
contains.

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Color

Yxy(62.2898, 0.4167, 0.5029)

Conversions

Conversions Part 1

Format	Color
Hex	D5D614
RGB	213, 214, 20
RGB Percent	84%, 84%, 8%
CMY	0.1647, 0.1608, 0.9220
CMYK	0.00, 0.00, 0.91, 0.16
HSL	60°, 83%, 46%
HSV	60°, 91%, 84%
XYZ	51.6130, 62.2898, 9.9584
YIQ	191.5850, 61.6780, -60.5460

Conversions

Conversions Part 2

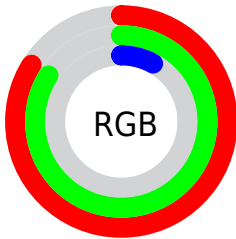
Format	Color
RYB	20, 214, 21
Decimal	14013972
CIELab	83.07, -19.09, 80.70
CIElCh	83, 82.923, 103.311
Yxy	62.2898, 0.4167, 0.5029
Android (android.graphics.Color)	4292204052 (0xFFD5D614)
YUV	191.5850, -84.5914, 18.7810
Hunter-Lab	78.9239, -21.3852, 47.7656

Details

The Yxy color **62.2898, 0.4167, 0.5029** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **5.5098, 0.1544, 0.0670**, and the grayscale version is **52.9275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5703, 0.4013, 0.4755**, and **32.0116, 0.4129, 0.5104** is the 20% darker color. If you saturate the color by 10%, you get **62.2272, 0.4184, 0.5060**, and if you desaturate by 10%, it is **62.4213, 0.4128, 0.4963**.

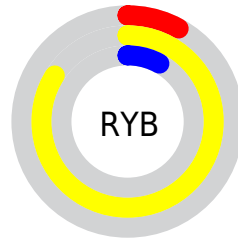
Distribution



Red (84%)

Green (84%)

Blue (8%)



Red (8%)

Yellow (84%)

Blue (8%)

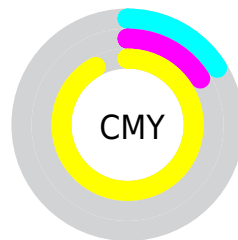


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2898, 0.4167, 0.5029 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 62.2898, 0.4167, 0.5029 by changing the saturation by 10% instead.

62.2898, 0.4167,
0.5029

62.2898, 0.4167,
0.5029

432.9874, 0.3768,
0.4257

45.2669, 0.4222,
0.5176

108.1443, 0.4055,
0.4781

31.6677, 0.4267,
0.5338

137.7446, 0.4004,
0.4678

21.1078, 0.4293,
0.5510

172.3063, 0.3956,
0.4586

13.2028, 0.4293,
0.5707

212.2136, 0.3911,
0.4505

7.5684, 0.4171,
0.5829

257.8509, 0.3871,
0.4433

3.8200, 0.3985,
0.6015

309.6028, 0.3834,

1.5734, 0.3666,

0.4368

0.6334

367.8535, 0.3800,
0.4310

■ 0.3396, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2898, 0.4167,
0.5029

■ 62.2898, 0.4167,
0.5029

■ 62.2272, 0.4184,
0.5060

■ 62.4213, 0.4128,
0.4963

■ 62.6311, 0.4064,
0.4853

■ 62.9338, 0.3973,
0.4701

■ 63.3389, 0.3860,
0.4511

■ 63.8549, 0.3729,
0.4292

■ 64.4894, 0.3585,
0.4053

■ 65.2493, 0.3436,
0.3803

■ 66.1410, 0.3285,
0.3552

■ 67.1703, 0.3137,
0.3307

Harmonies

Analogous

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



62.2898, 0.4895, 0.4376



62.2898, 0.4167, 0.5029



62.2898, 0.3235, 0.5226

Triad

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



62.2898, 0.4167, 0.5029



62.2898, 0.1439, 0.2392



62.2898, 0.3779, 0.2383

Complementary

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



62.2898, 0.4167, 0.5029



5.5098, 0.1544, 0.0670

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.



62.2898, 0.2722, 0.1968



62.2898, 0.4167, 0.5029



62.2898, 0.1532, 0.1914

Square

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



62.2898, 0.4167, 0.5029



62.2898, 0.1688, 0.3330



62.2898, 0.1949, 0.1799



62.2898, 0.4754, 0.2976

Rectangle

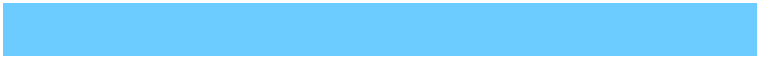
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.2898, 0.4167, 0.5029



62.2898, 0.2608, 0.4861



62.2898, 0.1949, 0.1799



62.2898, 0.3411, 0.2220

Sweetspot

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



62.2927, 0.4167, 0.5029



96.2640, 0.3534, 0.3968



14.8434, 0.6247, 0.3299



20.5257, 0.3586, 0.4053



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.



62.2927, 0.4167, 0.5029



92.5306, 0.4184, 0.5060



51.9244, 0.3408, 0.5617



14.5165, 0.3266, 0.3520



37.6114, 0.4184, 0.5060



2.2696, 0.4186, 0.5058

Inverse Universe

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



5.5098, 0.1544, 0.0670



7.2285, 0.1501, 0.0601



9.1296, 0.2116, 0.0980



12.0118, 0.2982, 0.3049



2.9403, 0.1502, 0.0601



0.1784, 0.1507, 0.0604

Previews

White Background



This preview shows how the Yxy color 62.2898, 0.4167, 0.5029 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 62.2898, 0.4167, 0.5029 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 62.2898, 0.4167, 0.5029

Background



This preview shows how black text looks on a background with the Yxy color 62.2898, 0.4167, 0.5029.



This preview shows how white text looks on a background with the Yxy color 62.2898, 0.4167, 0.5029.

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

62.2898, 0.4167, 0.5029

Protanopia

61.9898, 0.4392, 0.4860

Deuteranopia

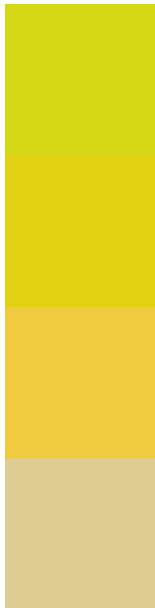
61.8326, 0.4434, 0.4365



Tritanopia

62.0840, 0.3229, 0.3115

Trichromacy



Original Color

62.2898, 0.4167, 0.5029

Protanomaly

62.3056, 0.4308, 0.4923

Deuteranomaly

61.5741, 0.4373, 0.4632

Tritanomaly

60.7289, 0.3719, 0.3980

Monochromacy



Original Color

62.2898, 0.4167, 0.5029

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

55.1729, 0.3656, 0.4165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2898, 0.4167, 0.5029 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(213, 214, 20)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 20)  
}
```

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(213, 214, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 20) }
```

Border

The CSS property to change the border of an element to Yxy 62.2898, 0.4167, 0.5029 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(213, 214, 20) }
```

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

```
.border{ border-color:rgb(213, 214, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 20);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2898, 0.4167, 0.5029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 20) }
```

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

```
.background{ background-color: rgb(213,  
214, 20) }
```

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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