

Converting Colors

$Y_{xy}(62.0358, 0.4135, 0.5016)$

Have a look what the booklet for
Yxy(62.0358, 0.4135, 0.5016)
contains.

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Color

Yxy(62.0358, 0.4135, 0.5016)

Conversions

Conversions Part 1

Format	Color
Hex	D3D61E
RGB	211, 214, 30
RGB Percent	83%, 84%, 12%
CMY	0.1726, 0.1607, 0.8827
CMYK	0.01, 0.00, 0.86, 0.16
HSL	61°, 75%, 48%
HSV	61°, 86%, 84%
XYZ	51.1400, 62.0358, 10.5001
YIQ	192.1270, 57.2760, -57.8600

Conversions

Conversions Part 2

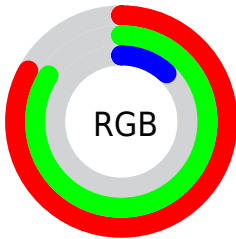
Format	Color
RYB	30, 214, 33
Decimal	13882910
CIELab	82.93, -19.76, 78.86
CIELCh	83, 81.296, 104.068
Yxy	62.0358, 0.4135, 0.5016
Android (android.graphics.Color)	4292072990 (0xFFD3D61E)
YUV	192.1270, -79.9286, 16.5516
Hunter-Lab	78.7628, -21.9365, 47.2299

Details

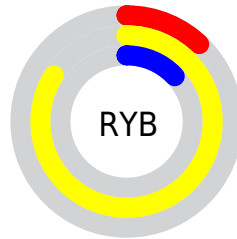
The Yxy color **62.0358, 0.4135, 0.5016** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **6.1019, 0.1585, 0.0731**, and the grayscale version is **53.2358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6431, 0.3998, 0.4729**, and **31.8170, 0.4107, 0.5121** is the 20% darker color. If you saturate the color by 10%, you get **61.9121, 0.4159, 0.5063**, and if you desaturate by 10%, it is **62.2393, 0.4086, 0.4927**.

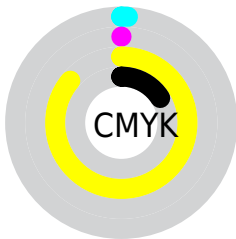
Distribution



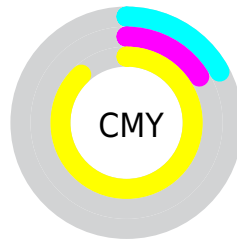
- Red (83%)
- Green (84%)
- Blue (12%)



- Red (12%)
- Yellow (84%)
- Blue (13%)



- Cyan (1%)
- Magenta (0%)
- Yellow (86%)
- Black (16%)





- Cyan (17%)
- Magenta (16%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0358, 0.4135, 0.5016 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 62.0358, 0.4135, 0.5016 by changing the saturation by 10% instead.


 62.0358, 0.4135,
0.5016

 62.0358, 0.4135,
0.5016


432.0617, 0.3746,
0.4243

 45.0616, 0.4189,
0.5166


 107.7773, 0.4025,
0.4765


 31.5060, 0.4236,
0.5333


 137.3134, 0.3975,
0.4662


 20.9844, 0.4261,
0.5511


 171.8055, 0.3928,
0.4570

 13.1126, 0.4271,
0.5729


 211.6382, 0.3885,
0.4489

 7.5061, 0.4144,
0.5856

 257.1958, 0.3845,
0.4417

 3.7806, 0.3949,
0.6051

 308.8626, 0.3809,

 1.5516, 0.3616,

0.4353

0.6384

367.0231, 0.3776,
0.4295

■ 0.3246, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0358, 0.4135,
0.5016

■ 62.0358, 0.4135,
0.5016

■ 61.9121, 0.4159,
0.5063

■ 62.2393, 0.4086,
0.4927

■ 61.8728, 0.4164,
0.5075

■ 62.5269, 0.4011,
0.4795

■ 62.9122, 0.3912,
0.4622

■ 63.4041, 0.3791,
0.4416

64.0107, 0.3656,
0.4184

64.7392, 0.3511,
0.3938

65.5962, 0.3362,
0.3686

66.5880, 0.3214,
0.3436

67.7202, 0.3071,
0.3196

Harmonies

Analogous

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



62.0358, 0.4857, 0.4385



62.0358, 0.4135, 0.5016



62.0358, 0.3214, 0.5182

Triad

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



62.0358, 0.4135, 0.5016



62.0358, 0.1461, 0.2392



62.0358, 0.3795, 0.2410

Complementary

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



62.0358, 0.4135, 0.5016



6.1019, 0.1585, 0.0731

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.



62.0358, 0.2753, 0.1994



62.0358, 0.4135, 0.5016



62.0358, 0.1560, 0.1928

Square

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



62.0358, 0.4135, 0.5016



62.0358, 0.1700, 0.3303



62.0358, 0.1982, 0.1820



62.0358, 0.4743, 0.3000

Rectangle

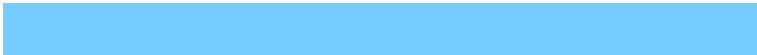
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.0358, 0.4135, 0.5016



62.0358, 0.2598, 0.4806



62.0358, 0.1982, 0.1820



62.0358, 0.3434, 0.2248

Sweetspot

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



62.0387, 0.4135, 0.5016



96.2347, 0.3514, 0.3944



15.3151, 0.6124, 0.3299



20.5128, 0.3566, 0.4031



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.



62.0387, 0.4135, 0.5016



91.9924, 0.4164, 0.5076



52.3273, 0.3427, 0.5552



14.5091, 0.3264, 0.3521



37.3981, 0.4165, 0.5075



2.2591, 0.4170, 0.5071

Inverse Universe

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



6.1019, 0.1585, 0.0731



7.2471, 0.1504, 0.0602



9.9142, 0.2171, 0.1044



12.0184, 0.2984, 0.3049



2.9527, 0.1506, 0.0603



0.1816, 0.1523, 0.0613

Previews

White Background



This preview shows how the Yxy color 62.0358, 0.4135, 0.5016 looks on a white background.

Color Contrast Check

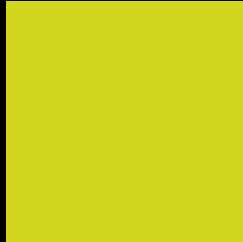
Large Text (above 18pt) WCAG AA × Fail

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 62.0358, 0.4135, 0.5016 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 62.0358, 0.4135, 0.5016

Background



This preview shows how black text looks on a background with the Yxy color 62.0358, 0.4135, 0.5016.



This preview shows how white text looks on a background with the Yxy color 62.0358, 0.4135, 0.5016.

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

62.0358, 0.4135, 0.5016

Protanopia

62.0331, 0.4376, 0.4836

Deuteranopia

61.8017, 0.4445, 0.4379



Tritanopia

61.7607, 0.3213, 0.3114

Trichromacy



Original Color

62.0358, 0.4135, 0.5016

Protanomaly

62.1894, 0.4283, 0.4904

Deuteranomaly

61.4215, 0.4357, 0.4626

Tritanomaly

60.5395, 0.3672, 0.3938

Monochromacy



Original Color

62.0358, 0.4135, 0.5016

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

55.1441, 0.3619, 0.4119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0358, 0.4135, 0.5016 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, 214, 30)` looks like.

```
.text, #text, p{  
    color:rgb(211, 214, 30)  
}
```

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, 214, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 214, 30) }
```

Border

The CSS property to change the border of an element to Yxy 62.0358, 0.4135, 0.5016 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, 214, 30) }
```

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

```
.border{ border-color:rgb(211, 214, 30) }
```

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

Here you see how a box with a 4 pixel rgb(211, 214, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 214, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 214, 30);  
box-shadow:4px 4px 4px 4px rgb(211, 214,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0358, 0.4135, 0.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 214, 30) }
```

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

```
.background{ background-color: rgb(211,  
214, 30) }
```

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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