

Converting Colors

Yxy(62.2129, 0.4280, 0.4984)

Have a look what the booklet for
Yxy(62.2129, 0.4280, 0.4984)
contains.

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Color

Yxy(62.1181, 0.4283, 0.4981)

Conversions

Conversions Part 1

Format	Color
Hex	DED300
RGB	222, 211, 0
RGB Percent	87%, 83%, 0%
CMY	0.1295, 0.1725, 0.9994
CMYK	0.00, 0.05, 1.00, 0.13
HSL	57°, 100%, 44%
HSV	57°, 100%, 87%
XYZ	53.4133, 62.1181, 9.1787
YIQ	190.2350, 74.2870, -63.2890

Conversions

Conversions Part 2

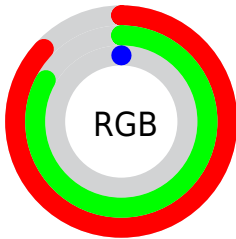
Format	Color
RYB	12, 222, 0
Decimal	14603008
CIELab	82.98, -14.01, 82.95
CIELCh	83, 84.129, 99.587
Yxy	62.1181, 0.4283, 0.4981
Android (android.graphics.Color)	4292793088 (0xFFDED300)
YUV	190.2350, -93.7859, 27.8579
Hunter-Lab	78.8150, -16.9560, 48.2657

Details

The Yxy color **62.1181, 0.4283, 0.4981** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **5.5157, 0.1507, 0.0625**, and the grayscale version is **52.1653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **31.7953, 0.4247, 0.5010** is the 20% darker color. If you saturate the color by 10%, you get **62.1167, 0.4283, 0.4981**, and if you desaturate by 10%, it is **62.7269, 0.4252, 0.4954**.

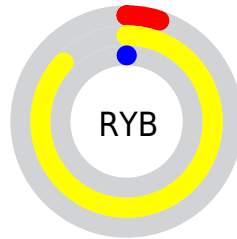
Distribution



Red (87%)

Green (83%)

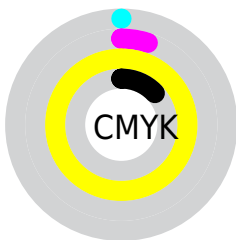
Blue (0%)



Red (5%)

Yellow (87%)

Blue (0%)

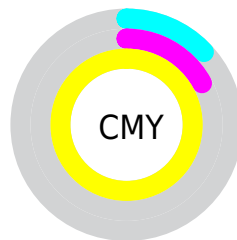


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (13%)



Cyan (13%)


Magenta (17%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1181, 0.4283, 0.4981 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 62.1181, 0.4283, 0.4981 by changing the saturation by 10% instead.


 62.1181, 0.4283,
0.4981


 62.1181, 0.4283,
0.4981


432.3617, 0.3834,
0.4250


 45.1281, 0.4347,
0.5114


 107.8962, 0.4156,
0.4751


 31.5584, 0.4403,
0.5255


 137.4531, 0.4097,
0.4654

 21.0244, 0.4445,
0.5405


 171.9678, 0.4043,
0.4567

 13.1418, 0.4450,
0.5550

 211.8247, 0.3994,
0.4489

 7.5263, 0.4361,
0.5639

 257.4081, 0.3948,
0.4420

 3.7934, 0.4226,
0.5774

 309.1025, 0.3907,

 1.5587, 0.3995,

0.4357

0.6005

367.2923, 0.3869,
0.4301

■ 0.3295, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1181, 0.4283,
0.4981

■ 62.1181, 0.4283,
0.4981

■ 62.1167, 0.4283,
0.4981

■ 62.7269, 0.4252,
0.4954

■ 63.4043, 0.4198,
0.4891

■ 64.1749, 0.4118,
0.4783

■ 65.0512, 0.4011,
0.4633

■ 66.0436, 0.3884,
0.4447

■ 67.1613, 0.3740,
0.4233

■ 68.4125, 0.3587,
0.4002

■ 69.8048, 0.3431,
0.3762

■ 71.3450, 0.3276,
0.3522

Harmonies

Analogous

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



62.1181, 0.4980, 0.4292



62.1181, 0.4283, 0.4981



62.1181, 0.3353, 0.5277

Triad

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



62.1181, 0.4283, 0.4981



62.1181, 0.1431, 0.2469



62.1181, 0.3648, 0.2308

Complementary

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



62.1181, 0.4283, 0.4981



5.5157, 0.1507, 0.0625

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.



62.1181, 0.2599, 0.1917



62.1181, 0.4283, 0.4981



62.1181, 0.1484, 0.1934

Square

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



62.1181, 0.4283, 0.4981



62.1181, 0.1727, 0.3476



62.1181, 0.1863, 0.1779



62.1181, 0.4679, 0.2889

Rectangle

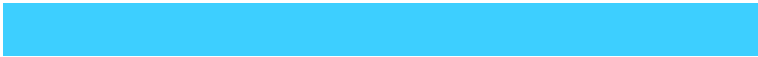
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.1181, 0.4283, 0.4981



62.1181, 0.2712, 0.4991



62.1181, 0.1863, 0.1779



62.1181, 0.3276, 0.2152

Sweetspot

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



62.1210, 0.4283, 0.4981



93.6263, 0.3592, 0.4009



15.5537, 0.6358, 0.3277



19.8797, 0.3658, 0.4109



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.



62.1210, 0.4283, 0.4981



85.0023, 0.4284, 0.4981



56.3783, 0.3429, 0.5659



15.9074, 0.3268, 0.3510



36.9555, 0.4282, 0.4982



2.5977, 0.4267, 0.4994

Inverse Universe

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



5.5157, 0.1507, 0.0625



7.4977, 0.1506, 0.0621



7.9840, 0.1919, 0.0831



13.3513, 0.2981, 0.3060



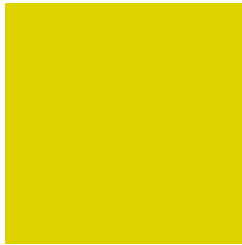
3.3214, 0.1509, 0.0632



0.2691, 0.1535, 0.0726

Previews

White Background



This preview shows how the Yxy color 62.1181, 0.4283, 0.4981 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 62.1181, 0.4283, 0.4981 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 62.1181, 0.4283, 0.4981

Background



This preview shows how black text looks on a background with the Yxy color 62.1181, 0.4283, 0.4981.



This preview shows how white text looks on a background with the Yxy color 62.1181, 0.4283, 0.4981.

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

62.1181, 0.4283, 0.4981

Protanopia

61.9493, 0.4407, 0.4883

Deuteranopia

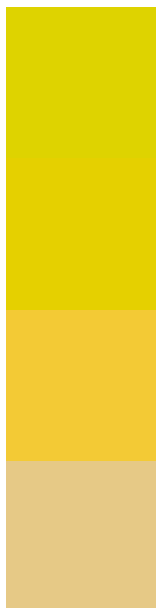
61.8170, 0.4439, 0.4372



Tritanopia

61.8452, 0.3326, 0.3128

Trichromacy



Original Color

62.1181, 0.4283, 0.4981

Protanomaly

61.7698, 0.4366, 0.4915

Deuteranomaly

61.5528, 0.4434, 0.4648

Tritanomaly

60.3175, 0.3873, 0.4040

Monochromacy



Original Color

62.1181, 0.4283, 0.4981

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

54.3252, 0.3739, 0.4232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1181, 0.4283, 0.4981 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, 211, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 0)  
}
```

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, 211, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 0) }
```

Border

The CSS property to change the border of an element to Yxy 62.1181, 0.4283, 0.4981 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, 211, 0) }
```

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

```
.border{ border-color:rgb(222, 211, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 211, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1181, 0.4283, 0.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 0) }
```

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

```
.background{ background-color: rgb(222,  
211, 0) }
```

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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