

Converting Colors

Yxy(62.8481, 0.4269, 0.4992)

Have a look what the booklet for
Yxy(62.8481, 0.4269, 0.4992)
contains.

Yxy(63.1181, 0.4266, 0.4994)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.1181, 0.4266, 0.4994)

Conversions

Conversions Part 1

Format	Color
Hex	DED500
RGB	222, 213, 0
RGB Percent	87%, 84%, 0%
CMY	0.1295, 0.1647, 0.9983
CMYK	0.00, 0.04, 1.00, 0.13
HSL	58°, 100%, 44%
HSV	58°, 100%, 87%
XYZ	53.9171, 63.1181, 9.3527
YIQ	191.4090, 73.7370, -64.3350

Conversions

Conversions Part 2

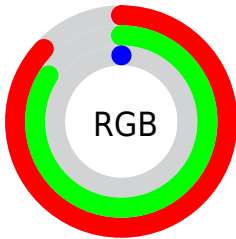
Format	Color
R _Y B	9, 222, 0
Decimal	14603520
CIE Lab	83.50, -14.99, 83.31
CIE LCh	84, 84.653, 100.203
Yxy	63.1181, 0.4266, 0.4994
Android (android.graphics.Color)	4292793600 (0xFFDED500)
YUV	191.4090, -94.3646, 26.8283
Hunter-Lab	79.4469, -17.8921, 48.6331

Details

The Yxy color **63.1181, 0.4266, 0.4994** 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 **5.4800, 0.1506, 0.0621**, and the grayscale version is **52.9067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **32.4777, 0.4225, 0.5027** is the 20% darker color. If you saturate the color by 10%, you get **63.1115, 0.4266, 0.4994**, and if you desaturate by 10%, it is **63.6343, 0.4237, 0.4966**.

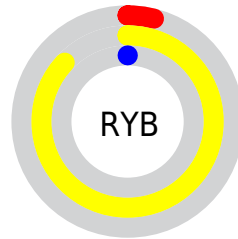
Distribution



Red (87%)

Green (84%)

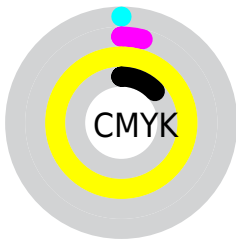
Blue (0%)



Red (4%)

Yellow (87%)

Blue (0%)

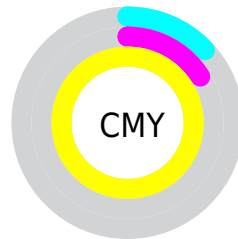


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1181, 0.4266, 0.4994 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 63.1181, 0.4266, 0.4994 by changing the saturation by 10% instead.

63.1181, 0.4266,
0.4994

63.1181, 0.4266,
0.4994

435.9980, 0.3827,
0.4257

45.9368, 0.4328,
0.5128

109.3399, 0.4142,
0.4762

32.1959, 0.4382,
0.5272

139.1491, 0.4085,
0.4664

21.5112, 0.4419,
0.5424

173.9364, 0.4032,
0.4576

13.4982, 0.4424,
0.5576

214.0862, 0.3984,
0.4498

7.7725, 0.4331,
0.5669

259.9828, 0.3939,
0.4428

3.9497, 0.4189,
0.5811

312.0108, 0.3898,

1.6455, 0.3948,

0.4365

0.6052

370.5543, 0.3861,
0.4308

■ 0.3880, 0.0069,
0.9931

■ 0.0000, 0.0000,
0.0000

■ 63.1181, 0.4266,
0.4994

■ 63.1181, 0.4266,
0.4994

■ 63.1115, 0.4266,
0.4994

■ 63.6343, 0.4237,
0.4966

■ 64.2183, 0.4185,
0.4901

■ 64.8944, 0.4107,
0.4792

■ 65.6752, 0.4003,
0.4641

■ 66.5710, 0.3877,
0.4453

■ 67.5910, 0.3735,
0.4238

■ 68.7433, 0.3584,
0.4005

■ 70.0356, 0.3428,
0.3763

■ 71.4748, 0.3274,
0.3521

Harmonies

Analogous

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



63.1181, 0.4971, 0.4308



63.1181, 0.4266, 0.4994



63.1181, 0.3333, 0.5277

Triad

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



63.1181, 0.4266, 0.4994



63.1181, 0.1428, 0.2452



63.1181, 0.3672, 0.2317

Complementary

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



63.1181, 0.4266, 0.4994



5.4800, 0.1506, 0.0621

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.



63.1181, 0.2617, 0.1922



63.1181, 0.4266, 0.4994



63.1181, 0.1488, 0.1927

Square

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



63.1181, 0.4266, 0.4994



63.1181, 0.1716, 0.3452



63.1181, 0.1874, 0.1778



63.1181, 0.4697, 0.2902

Rectangle

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



63.1181, 0.4266, 0.4994



63.1181, 0.2692, 0.4977



63.1181, 0.1874, 0.1778



63.1181, 0.3299, 0.2160

Sweetspot

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



63.1211, 0.4266, 0.4994



94.0528, 0.3590, 0.4015



15.5619, 0.6356, 0.3277



19.9835, 0.3655, 0.4115



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.



63.1211, 0.4266, 0.4994



86.3644, 0.4267, 0.4994



56.3940, 0.3430, 0.5658



15.9293, 0.3268, 0.3512



37.5337, 0.4265, 0.4995



2.6316, 0.4253, 0.5005

Inverse Universe

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



5.4800, 0.1506, 0.0621



7.4443, 0.1505, 0.0617



7.9989, 0.1920, 0.0832



13.3318, 0.2981, 0.3057



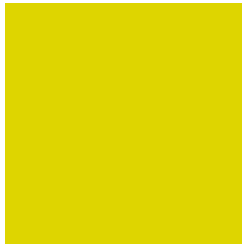
3.2874, 0.1508, 0.0627



0.2597, 0.1529, 0.0704

Previews

White Background



This preview shows how the Yxy color 63.1181, 0.4266, 0.4994 looks on a white background.

Color Contrast Check

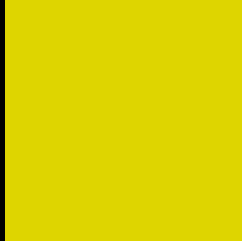
Large Text (above 18pt) WCAG AA × Fail

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 63.1181, 0.4266, 0.4994 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 63.1181, 0.4266, 0.4994

Background



This preview shows how black text looks on a background with the Yxy color 63.1181, 0.4266, 0.4994.



This preview shows how white text looks on a background with the Yxy color 63.1181, 0.4266, 0.4994.

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

63.1181, 0.4266, 0.4994

Protanopia

63.2631, 0.4405, 0.4884

Deuteranopia

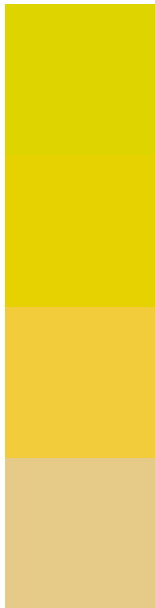
62.8972, 0.4368, 0.4318



Tritanopia

62.8544, 0.3308, 0.3129

Trichromacy



Original Color

63.1181, 0.4266, 0.4994

Protanomaly

62.9162, 0.4357, 0.4923

Deuteranomaly

62.5562, 0.4396, 0.4634

Tritanomaly

61.3124, 0.3850, 0.4039

Monochromacy



Original Color

63.1181, 0.4266, 0.4994

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

54.8085, 0.3728, 0.4231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1181, 0.4266, 0.4994 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, 213, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 213, 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, 213, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 213, 0) }
```

Border

The CSS property to change the border of an element to Yxy 63.1181, 0.4266, 0.4994 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, 213, 0) }
```

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

```
.border{ border-color:rgb(222, 213, 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, 213, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 213, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 213, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 213,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1181, 0.4266, 0.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 213, 0) }
```

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

```
.background{ background-color: rgb(222,  
213, 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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