

Converting Colors

Yxy(66.9362, 0.4196, 0.5000)

Have a look what the booklet for
Yxy(66.9362, 0.4196, 0.5000)
contains.

Yxy(66.9362, 0.4196, 0.5000)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.9362, 0.4196, 0.5000)

Conversions

Conversions Part 1

Format	Color
Hex	DFDC17
RGB	223, 220, 23
RGB Percent	87%, 86%, 9%
CMY	0.1256, 0.1372, 0.9102
CMYK	0.00, 0.01, 0.90, 0.13
HSL	59°, 81%, 48%
HSV	59°, 90%, 87%
XYZ	56.1729, 66.9362, 10.7633
YIQ	198.4390, 65.0250, -60.6310

Conversions

Conversions Part 2

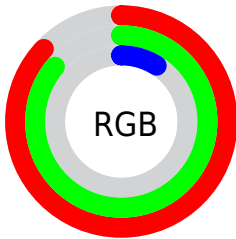
Format	Color
R _Y B	26, 223, 23
Decimal	14670871
CIE Lab	85.47, -17.78, 82.48
CIE LCh	85, 84.371, 102.166
Yxy	66.9362, 0.4196, 0.5000
Android (android.graphics.Color)	4292860951 (0xFFDFDC17)
YUV	198.4390, -86.4914, 21.5400
Hunter-Lab	81.8145, -20.6196, 49.4701

Details

The Yxy color **66.9362, 0.4196, 0.5000** 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 **6.2395, 0.1550, 0.0689**, and the grayscale version is **57.2534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6062, 0.4005, 0.4742**, and **34.6968, 0.4172, 0.5069** is the 20% darker color. If you saturate the color by 10%, you get **66.7061, 0.4219, 0.5031**, and if you desaturate by 10%, it is **67.2423, 0.4151, 0.4932**.

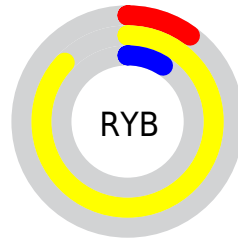
Distribution



Red (87%)

Green (86%)

Blue (9%)



Red (10%)

Yellow (87%)

Blue (9%)

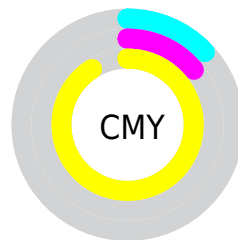


Cyan (0%)

Magenta (1%)

Yellow (90%)

Black (13%)



Cyan (13%)


Magenta (14%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9362, 0.4196, 0.5000 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 66.9362, 0.4196, 0.5000 by changing the saturation by 10% instead.


 66.9362, 0.4196,
0.5000

 66.9362, 0.4196,
0.5000


449.7176, 0.3789,
0.4255

 49.0328, 0.4253,
0.5139

 114.8290, 0.4082,
0.4763

 34.6455, 0.4303,
0.5291


 145.5871, 0.4029,
0.4664


 23.3899, 0.4335,
0.5451


 181.3990, 0.3980,
0.4576

 14.8817, 0.4356,
0.5644

 222.6490, 0.3935,
0.4497

 8.7364, 0.4252,
0.5748

 269.7214, 0.3893,
0.4427

 4.5696, 0.4097,
0.5903


 323.0007, 0.3855,

 1.9970, 0.3841,


0.4364


0.6159


382.8714, 0.3821,
0.4307


 0.6058, 0.1896,
0.8104


 0.0000, 0.0000,
0.0000


 66.9362, 0.4196,
0.5000


 66.9362, 0.4196,
0.5000

 66.7061, 0.4219,
0.5031

 67.2423, 0.4151,
0.4932

 66.7002, 0.4219,
0.5032

 67.6362, 0.4079,
0.4821

 68.1337, 0.3982,
0.4668

 68.7453, 0.3862,
0.4477

69.4803, 0.3725,
0.4258

70.3469, 0.3578,
0.4020

71.3527, 0.3425,
0.3773

72.5047, 0.3272,
0.3525

73.8095, 0.3123,
0.3284

Harmonies

Analogous

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



66.9362, 0.4906, 0.4345



66.9362, 0.4196, 0.5000



66.9362, 0.3273, 0.5220

Triad

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



66.9362, 0.4196, 0.5000



66.9362, 0.1451, 0.2425



66.9362, 0.3733, 0.2368

Complementary

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



66.9362, 0.4196, 0.5000



6.2395, 0.1550, 0.0689

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.



66.9362, 0.2689, 0.1963



66.9362, 0.4196, 0.5000



66.9362, 0.1530, 0.1933

Square

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



66.9362, 0.4196, 0.5000



66.9362, 0.1714, 0.3374



66.9362, 0.1934, 0.1805



66.9362, 0.4714, 0.2954

Rectangle

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



66.9362, 0.4196, 0.5000



66.9362, 0.2647, 0.4881



66.9362, 0.1934, 0.1805



66.9362, 0.3368, 0.2209

Sweetspot

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



66.9393, 0.4196, 0.5000



95.6831, 0.3539, 0.3958



16.3681, 0.6208, 0.3286



20.3857, 0.3591, 0.4042



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.



66.9393, 0.4196, 0.5000



90.3955, 0.4220, 0.5032



57.2797, 0.3433, 0.5590



15.9929, 0.3268, 0.3518



39.2442, 0.4219, 0.5032



2.7315, 0.4215, 0.5035

Inverse Universe

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



6.2395, 0.1550, 0.0689



7.3019, 0.1502, 0.0606



9.8992, 0.2094, 0.0972



13.2756, 0.2980, 0.3051



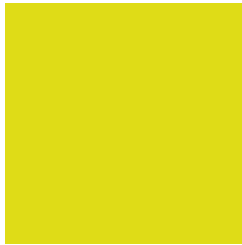
3.1891, 0.1503, 0.0610



0.2327, 0.1511, 0.0639

Previews

White Background



This preview shows how the Yxy color 66.9362, 0.4196, 0.5000 looks on a white background.

Color Contrast Check

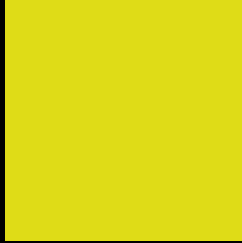
Large Text (above 18pt) WCAG AA × Fail

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 66.9362, 0.4196, 0.5000 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 66.9362, 0.4196, 0.5000

Background



This preview shows how black text looks on a background with the Yxy color 66.9362, 0.4196, 0.5000.



This preview shows how white text looks on a background with the Yxy color 66.9362, 0.4196, 0.5000.

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

66.9362, 0.4196, 0.5000

Protanopia

66.8444, 0.4391, 0.4855

Deuteranopia

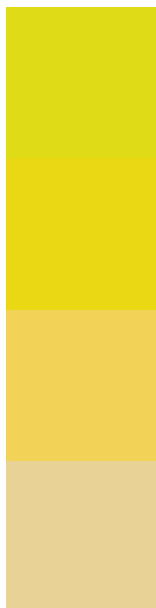
66.8327, 0.4133, 0.4130



Tritanopia

66.8876, 0.3257, 0.3121

Trichromacy



Original Color

66.9362, 0.4196, 0.5000

Protanomaly

66.6583, 0.4318, 0.4910

Deuteranomaly

66.3313, 0.4220, 0.4517

Tritanomaly

65.4189, 0.3743, 0.3965

Monochromacy



Original Color

66.9362, 0.4196, 0.5000

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

59.1292, 0.3658, 0.4151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9362, 0.4196, 0.5000 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(223, 220, 23)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 23)  
}
```

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(223, 220, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 23) }
```

Border

The CSS property to change the border of an element to Yxy 66.9362, 0.4196, 0.5000 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(223, 220, 23) }
```

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

```
.border{ border-color:rgb(223, 220, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 23);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9362, 0.4196, 0.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 23) }
```

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

```
.background{ background-color: rgb(223,  
220, 23) }
```

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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