

Converting Colors

$Yxy(59.2761, 0.4225, 0.4387)$

Have a look what the booklet for
Yxy(59.2761, 0.4225, 0.4387)
contains.

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Color

Yxy(59.1830, 0.4228, 0.4382)

Conversions

Conversions Part 1

Format	Color
Hex	EDC65D
RGB	237, 198, 93
RGB Percent	93%, 78%, 36%
CMY	0.0705, 0.2236, 0.6352
CMYK	0.00, 0.16, 0.61, 0.07
HSL	44°, 80%, 65%
HSV	44°, 61%, 93%
XYZ	57.1031, 59.1830, 18.7732
YIQ	197.6910, 56.9490, -24.3870

Conversions

Conversions Part 2

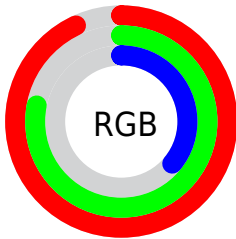
Format	Color
RYB	146, 237, 93
Decimal	15582813
CIELab	81.39, 2.11, 56.60
CIElCh	81, 56.641, 87.868
Yxy	59.1830, 0.4228, 0.4382
Android (android.graphics.Color)	4293772893 (0xFFEDC65D)
YUV	197.6910, -51.6127, 34.4740
Hunter-Lab	76.9305, -2.1334, 39.3829

Details

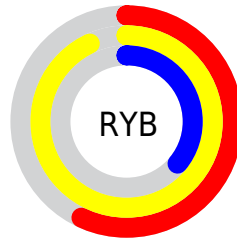
The Yxy color **59.1830, 0.4228, 0.4382** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.9616, 0.2056, 0.1829**, and the grayscale version is **56.5719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2502, 0.3765, 0.4330**, and **29.5580, 0.4459, 0.4592** is the 20% darker color. If you saturate the color by 10%, you get **55.9537, 0.4406, 0.4501**, and if you desaturate by 10%, it is **62.6728, 0.4037, 0.4229**.

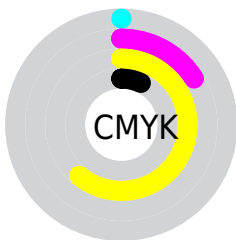
Distribution



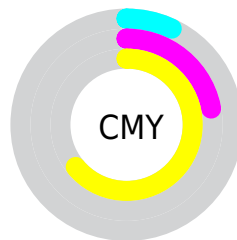
- Red (93%)
- Green (78%)
- Blue (36%)



- Red (57%)
- Yellow (93%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (61%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1830, 0.4228, 0.4382 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 59.1830, 0.4228, 0.4382 by changing the saturation by 10% instead.

 59.1830, 0.4228,
0.4382

 59.1830, 0.4228,
0.4382


421.5797, 0.3729,
0.3893


 42.7605, 0.4331,
0.4481


 103.6436, 0.4062,
0.4220


 29.6972, 0.4450,
0.4595


 132.4504, 0.3995,
0.4155

 19.6089, 0.4586,
0.4721


 166.1541, 0.3936,
0.4097

 12.1111, 0.4732,
0.4854

 205.1391, 0.3885,
0.4047

 6.8194, 0.4950,
0.5050

249.7898, 0.3839,
0.4001

 3.3494, 0.4970,
0.5030

300.4905, 0.3798,

 1.3167, 0.5006,

0.3961

0.4994

357.6257, 0.3762,
0.3925

■ 0.1541, 0.5622,
0.4378

■ 0.0000, 0.0000,
0.0000

■ 59.1830, 0.4228,
0.4382

■ 59.1830, 0.4228,
0.4382

■ 55.9537, 0.4406,
0.4501

■ 62.6728, 0.4037,
0.4229

■ 52.9622, 0.4562,
0.4576


■ 66.4268, 0.3842,
0.4054

■ 50.1950, 0.4688,
0.4601


■ 70.4592, 0.3650,
0.3866


■ 47.8127, 0.4780,
0.4586

■ 74.7802, 0.3467,
0.3674

 79.3996, 0.3296,
0.3485

 84.3262, 0.3138,
0.3303

 89.3123, 0.3018,
0.3170

 93.2249, 0.3018,
0.3234

 96.7497, 0.3018,
0.3290

Harmonies

Analogous

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



59.1830, 0.4558, 0.3896



59.1830, 0.4228, 0.4382



59.1830, 0.3622, 0.4634

Triad

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



59.1830, 0.4228, 0.4382



59.1830, 0.1945, 0.2995



59.1830, 0.3206, 0.2438

Complementary

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



59.1830, 0.4228, 0.4382



24.9616, 0.2056, 0.1829

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.



59.1830, 0.2524, 0.2210



59.1830, 0.4228, 0.4382



59.1830, 0.1866, 0.2455

Square

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



59.1830, 0.4228, 0.4382



59.1830, 0.2311, 0.3754



59.1830, 0.2063, 0.2203



59.1830, 0.3947, 0.2841

Rectangle

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



59.1830, 0.4228, 0.4382



59.1830, 0.3153, 0.4552



59.1830, 0.2063, 0.2203



59.1830, 0.2961, 0.2340

Sweetspot

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



59.1858, 0.4228, 0.4382



89.7055, 0.3420, 0.3623



27.5579, 0.4483, 0.2864



18.8681, 0.3471, 0.3678



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.



59.1858, 0.4228, 0.4382



65.1316, 0.4448, 0.4524



74.4737, 0.3749, 0.4841



16.8962, 0.3275, 0.3461



26.3254, 0.4769, 0.4596



2.2252, 0.4671, 0.4673

Inverse Universe

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



24.9616, 0.2056, 0.1829



21.7468, 0.1855, 0.1487



18.2496, 0.2152, 0.1426



15.2132, 0.2980, 0.3113



5.5412, 0.1593, 0.0934



0.5902, 0.1667, 0.1201

Previews

White Background



This preview shows how the Yxy color 59.1830, 0.4228, 0.4382 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 59.1830, 0.4228, 0.4382 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 59.1830, 0.4228, 0.4382

Background



This preview shows how black text looks on a background with the Yxy color 59.1830, 0.4228, 0.4382.



This preview shows how white text looks on a background with the Yxy color 59.1830, 0.4228, 0.4382.

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

59.1830, 0.4228, 0.4382

Protanopia

59.3673, 0.4079, 0.4474

Deuteranopia

59.2721, 0.4365, 0.4276



Tritanopia

58.9277, 0.3513, 0.3131

Trichromacy



Original Color

59.1830, 0.4228, 0.4382

Protanomaly

59.2395, 0.4134, 0.4435

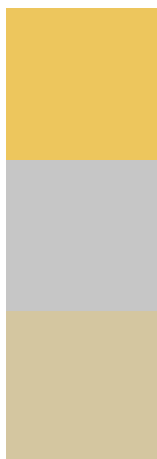
Deuteranomaly

59.2508, 0.4310, 0.4314

Tritanomaly

58.4902, 0.3807, 0.3597

Monochromacy



Original Color

59.1830, 0.4228, 0.4382

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9233, 0.3532, 0.3744

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1830, 0.4228, 0.4382 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(237, 198, 93)` looks like.

```
.text, #text, p{  
    color:rgb(237, 198, 93)  
}
```

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(237, 198, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 93) }
```

Border

The CSS property to change the border of an element to Yxy 59.1830, 0.4228, 0.4382 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(237, 198, 93) }
```

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

```
.border{ border-color:rgb(237, 198, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 198, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 93);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1830, 0.4228, 0.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 198, 93) }
```

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

```
.background{ background-color: rgb(237,  
198, 93) }
```

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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