

Converting Colors

Yxy(59.7411, 0.4211, 0.4972)

Have a look what the booklet for
Yxy(59.7411, 0.4211, 0.4972)
contains.

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Color

Yxy(59.9717, 0.4207, 0.4974)

Conversions

Conversions Part 1

Format	Color
Hex	D6D11A
RGB	214, 209, 26
RGB Percent	84%, 82%, 10%
CMY	0.1607, 0.1804, 0.8983
CMYK	0.00, 0.02, 0.88, 0.16
HSL	58°, 78%, 47%
HSV	58°, 88%, 84%
XYZ	50.7240, 59.9717, 9.8747
YIQ	189.6330, 61.7230, -55.8530

Conversions

Conversions Part 2

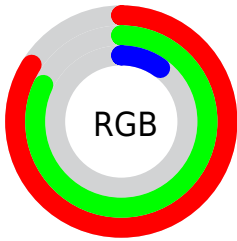
Format	Color
RYB	31, 214, 26
Decimal	14078234
CIELab	81.82, -16.08, 78.80
CIELCh	82, 80.428, 101.536
Yxy	59.9717, 0.4207, 0.4974
Android (android.graphics.Color)	4292268314 (0xFFD6D11A)
YUV	189.6330, -80.6711, 21.3699
Hunter-Lab	77.4414, -18.6053, 46.6488

Details

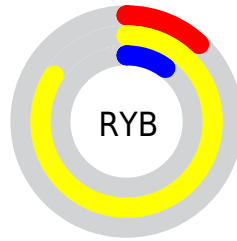
The Yxy color **59.9717, 0.4207, 0.4974** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **6.0530, 0.1569, 0.0727**, and the grayscale version is **51.7158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6062, 0.4005, 0.4742**, and **30.4113, 0.4193, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **59.6298, 0.4236, 0.5009**, and if you desaturate by 10%, it is **60.3895, 0.4153, 0.4899**.

Distribution



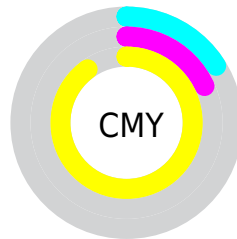
- Red (84%)
- Green (82%)
- Blue (10%)



- Red (12%)
- Yellow (84%)
- Blue (10%)



- Cyan (0%)
- Magenta (2%)
- Yellow (88%)
- Black (16%)




- Cyan (16%)
- Magenta (18%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9717, 0.4207, 0.4974 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 59.9717, 0.4207, 0.4974 by changing the saturation by 10% instead.


 59.9717, 0.4207,
0.4974

 59.9717, 0.4207,
0.4974


424.4935, 0.3781,
0.4225


 43.3958, 0.4269,
0.5116


 104.7886, 0.4085,
0.4733

 30.1958, 0.4324,
0.5272


 133.7984, 0.4029,
0.4633

 19.9873, 0.4362,
0.5438


 167.7217, 0.3978,
0.4545


 12.3858, 0.4376,
0.5624

 206.9428, 0.3931,
0.4466

 7.0070, 0.4269,
0.5731

 251.8461, 0.3889,
0.4396

 3.4665, 0.4104,
0.5896

 302.8161, 0.3850,

 1.3798, 0.3816,

0.4333

0.6184

360.2371, 0.3814,
0.4276

■ 0.2018, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9717, 0.4207,
0.4974

■ 59.9717, 0.4207,
0.4974

■ 59.6298, 0.4236,
0.5009

■ 60.3895, 0.4153,
0.4899

■ 59.5607, 0.4241,
0.5015

■ 60.8904, 0.4073,
0.4780

■ 61.4879, 0.3968,
0.4620

■ 62.1914, 0.3842,
0.4425

■ 63.0090, 0.3701,
0.4204

■ 63.9482, 0.3551,
0.3966

■ 65.0157, 0.3397,
0.3721

■ 66.2176, 0.3244,
0.3477

■ 67.5599, 0.3097,
0.3241

Harmonies

Analogous

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



59.9717, 0.4902, 0.4325



59.9717, 0.4207, 0.4974



59.9717, 0.3294, 0.5200

Triad

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



59.9717, 0.4207, 0.4974



59.9717, 0.1467, 0.2450



59.9717, 0.3704, 0.2366

Complementary

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



59.9717, 0.4207, 0.4974



6.0530, 0.1569, 0.0727

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.



59.9717, 0.2675, 0.1969



59.9717, 0.4207, 0.4974



59.9717, 0.1539, 0.1952

Square

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



59.9717, 0.4207, 0.4974



59.9717, 0.1737, 0.3399



59.9717, 0.1933, 0.1817



59.9717, 0.4681, 0.2945

Rectangle

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



59.9717, 0.4207, 0.4974



59.9717, 0.2673, 0.4877



59.9717, 0.1933, 0.1817



59.9717, 0.3344, 0.2209

Sweetspot

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



59.9745, 0.4207, 0.4974



95.3151, 0.3526, 0.3926



15.1414, 0.6125, 0.3269



20.2900, 0.3579, 0.4011



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.



59.9745, 0.4207, 0.4974



88.5062, 0.4241, 0.5014



52.6361, 0.3464, 0.5546



14.4603, 0.3267, 0.3514



36.0159, 0.4240, 0.5015



2.1907, 0.4231, 0.5022

Inverse Universe

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



6.0530, 0.1569, 0.0727



7.3680, 0.1503, 0.0611



9.1501, 0.2088, 0.0985



12.0614, 0.2981, 0.3055



3.0337, 0.1505, 0.0618



0.2022, 0.1521, 0.0676

Previews

White Background



This preview shows how the Yxy color 59.9717, 0.4207, 0.4974 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 59.9717, 0.4207, 0.4974 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 59.9717, 0.4207, 0.4974

Background



This preview shows how black text looks on a background with the Yxy color 59.9717, 0.4207, 0.4974.

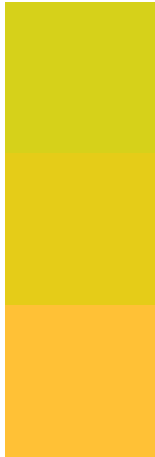


This preview shows how white text looks on a background with the Yxy color 59.9717, 0.4207, 0.4974.

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

59.9717, 0.4207, 0.4974

Protanopia

59.9097, 0.4376, 0.4849

Deuteranopia

59.6663, 0.4604, 0.4505



Tritanopia

59.5676, 0.3272, 0.3113

Trichromacy



Original Color

59.9717, 0.4207, 0.4974

Protanomaly

60.0601, 0.4316, 0.4892

Deuteranomaly

59.5540, 0.4465, 0.4680

Tritanomaly

58.3596, 0.3746, 0.3938

Monochromacy



Original Color

59.9717, 0.4207, 0.4974

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.6863, 0.3652, 0.4123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9717, 0.4207, 0.4974 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(214, 209, 26)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 26)  
}
```

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(214, 209, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 26) }
```

Border

The CSS property to change the border of an element to Yxy 59.9717, 0.4207, 0.4974 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(214, 209, 26) }
```

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

```
.border{ border-color:rgb(214, 209, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 26);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9717, 0.4207, 0.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 26) }
```

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

```
.background{ background-color: rgb(214,  
209, 26) }
```

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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