

Converting Colors

Yxy(61.5629, 0.3741, 0.3629)

Have a look what the booklet for
Yxy(61.5629, 0.3741, 0.3629)
contains.

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Color

Yxy(61.5629, 0.3741, 0.3629)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F2C5A6 |
| RGB | 242, 197, 166 |
| RGB Percent | 95%, 77%, 65% |
| CMY | 0.0510, 0.2274, 0.3490 |
| CMYK | 0.00, 0.19, 0.31, 0.05 |
| HSL | 24°, 74%, 80% |
| HSV | 24°, 31%, 95% |
| XYZ | 63.4629, 61.5629, 44.6157 |
| YIQ | 206.9210, 36.7710, -0.1010 |

Conversions

Conversions Part 2

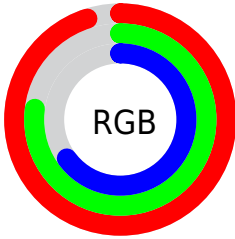
| Format | Color |
|-------------------------------------|---|
| RYB | 242, 218, 166 |
| Decimal | 15910310 |
| CIELab | 82.68, 11.67, 21.59 |
| CIElCh | 83, 24.541, 61.608 |
| Yxy | 61.5629, 0.3741, 0.3629 |
| Android (android.graphics.Color) | 4294100390 (0xFFFF2C5A6) |
| YUV | 206.9210, -20.1741, 30.7643 |
| Hunter-Lab | 78.4620, 7.0686, 21.2095 |

Details

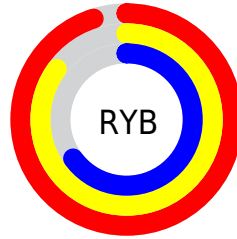
The Yxy color **61.5629, 0.3741, 0.3629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.0931, 0.2633, 0.2923**, and the grayscale version is **62.4589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3641, 0.3329, 0.3612**, and **31.1741, 0.3901, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **54.5606, 0.4000, 0.3740**, and if you desaturate by 10%, it is **69.3560, 0.3514, 0.3517**.

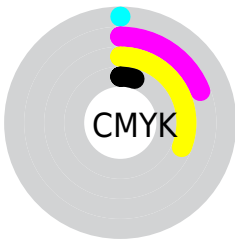
Distribution



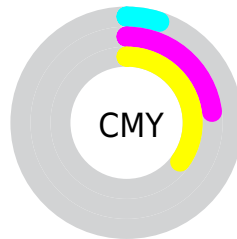
- Red (95%)
- Green (77%)
- Blue (65%)



- Red (95%)
- Yellow (85%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5629, 0.3741, 0.3629 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 61.5629, 0.3741, 0.3629 by changing the saturation by 10% instead.


 61.5629, 0.3741,
0.3629

 61.5629, 0.3741,
0.3629


430.3349, 0.3447,
0.3475

 44.6796, 0.3810,
0.3663


 107.0935, 0.3637,
0.3576

 31.2051, 0.3897,
0.3705


 136.5097, 0.3597,
0.3555

 20.7551, 0.4009,
0.3756

170.8722, 0.3563,
0.3537

 12.9451, 0.4156,
0.3819

210.5656, 0.3533,
0.3522

 7.3908, 0.4360,
0.3900

255.9741, 0.3508,
0.3508

 3.7077, 0.4655,
0.3998

307.4823, 0.3485,

 1.5114, 0.5516,

0.3495

0.4428

365.4744, 0.3465,
0.3484

0.2967, 0.6564,
0.3436

0.0000, 0.0000,
0.0000

61.5629, 0.3741,
0.3629

61.5629, 0.3741,
0.3629

54.5606, 0.4000,
0.3740

69.3560, 0.3514,
0.3517

48.3141, 0.4289,
0.3842

77.9564, 0.3318,
0.3407

42.7979, 0.4601,
0.3925

87.3910, 0.3149,
0.3304

37.9817, 0.4923,
0.3976

97.1700, 0.3048,
0.3283

■ 33.8325, 0.5233,
0.3982

■ 97.6142, 0.3047,
0.3290

■ 30.3135, 0.5507,
0.3933

■ 27.7520, 0.5702,
0.3855

Harmonies

Analogous

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



61.5629, 0.3711, 0.3381



61.5629, 0.3741, 0.3629



61.5629, 0.3599, 0.3805

Triad

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



61.5629, 0.3741, 0.3629



61.5629, 0.2745, 0.3451



61.5629, 0.2903, 0.2793

Complementary

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



61.5629, 0.3741, 0.3629



61.0931, 0.2633, 0.2923

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.



61.5629, 0.2663, 0.2789



61.5629, 0.3741, 0.3629



61.5629, 0.2576, 0.3153

Square

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



61.5629, 0.3741, 0.3629



61.5629, 0.3019, 0.3714



61.5629, 0.2547, 0.2913



61.5629, 0.3214, 0.2914

Rectangle

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



61.5629, 0.3741, 0.3629



61.5629, 0.3430, 0.3849



61.5629, 0.2547, 0.2913



61.5629, 0.2812, 0.2777

Sweetspot

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



61.5658, 0.3741, 0.3629



90.2464, 0.3275, 0.3382



50.8811, 0.3420, 0.2803



18.9945, 0.3301, 0.3398



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.



61.5658, 0.3741, 0.3629



63.9589, 0.3911, 0.3704



80.6926, 0.3624, 0.4004



16.8181, 0.3283, 0.3387



15.1638, 0.5673, 0.3878



1.4523, 0.5435, 0.4067

Inverse Universe

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



61.0931, 0.2633, 0.2923



63.3313, 0.2529, 0.2830



44.6359, 0.2578, 0.2458



16.7842, 0.2980, 0.3191



14.3108, 0.1860, 0.1895



1.3856, 0.1916, 0.2097

Previews

White Background



This preview shows how the Yxy color 61.5629, 0.3741, 0.3629 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 61.5629, 0.3741, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

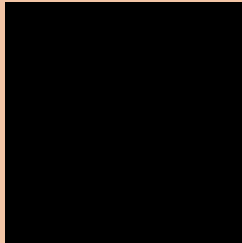
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5629, 0.3741, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 61.5629, 0.3741, 0.3629.



This preview shows how white text looks on a background with the Yxy color 61.5629, 0.3741, 0.3629.

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

61.5629, 0.3741, 0.3629

Protanopia

61.9503, 0.3485, 0.3707

Deuteranopia

61.6666, 0.3721, 0.3642



Tritanopia

61.3107, 0.3463, 0.3132

Trichromacy



Original Color

61.5629, 0.3741, 0.3629

Protanomaly

61.9073, 0.3574, 0.3676

Deuteranomaly

61.8421, 0.3730, 0.3641

Tritanomaly

61.3140, 0.3573, 0.3313

Monochromacy



Original Color

61.5629, 0.3741, 0.3629

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7333, 0.3341, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5629, 0.3741, 0.3629 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(242, 197, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 197, 166)  
}
```

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(242, 197, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 197, 166) }
```

Border

The CSS property to change the border of an element to Yxy 61.5629, 0.3741, 0.3629 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(242, 197, 166) }
```

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

```
.border{ border-color:rgb(242, 197, 166) }
```

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

Here you see how a box with a 4 pixel rgb(242, 197, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 197, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 197, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 197,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5629, 0.3741, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 197, 166) }
```

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

```
.background{ background-color: rgb(242,  
197, 166) }
```

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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