

Converting Colors

$Yxy(60.2982, 0.3730, 0.3601)$

Have a look what the booklet for
Yxy(60.2982, 0.3730, 0.3601)
contains.

Yxy(60.3455, 0.3723, 0.3599)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.3455, 0.3723, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	F0C3A7
RGB	240, 195, 167
RGB Percent	94%, 76%, 65%
CMY	0.0588, 0.2353, 0.3452
CMYK	0.00, 0.19, 0.30, 0.06
HSL	23°, 71%, 80%
HSV	23°, 30%, 94%
XYZ	62.4246, 60.3455, 44.9028
YIQ	205.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

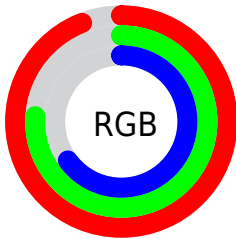
Format	Color
R _Y B	240, 212, 167
Decimal	15778727
CIE Lab	82.03, 12.10, 20.14
CIE LCh	82, 23.494, 59.015
Yxy	60.3455, 0.3723, 0.3599
Android (android.graphics.Color)	4293968807 (0xFFFF0C3A7)
YUV	205.2630, -18.8637, 30.4643
Hunter-Lab	77.6824, 7.4964, 20.1062

Details

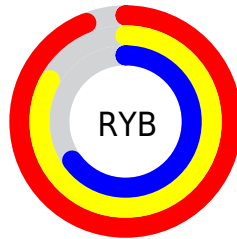
The Yxy color $60.3455, 0.3723, 0.3599$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $61.5772, 0.2651, 0.2958$, and the grayscale version is $61.3325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.1547, 0.3325, 0.3583$, and $30.3548, 0.3879, 0.3662$ is the 20% darker color. If you saturate the color by 10%, you get $53.2393, 0.3984, 0.3704$, and if you desaturate by 10%, it is $68.2784, 0.3496, 0.3493$.

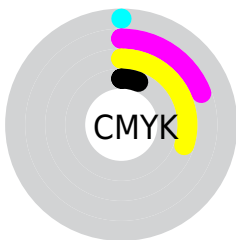
Distribution



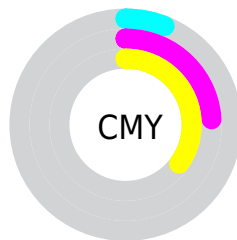
- Red (94%)
- Green (76%)
- Blue (65%)



- Red (94%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3455, 0.3723, 0.3599 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 60.3455, 0.3723, 0.3599 by changing the saturation by 10% instead.


 60.3455, 0.3723,
0.3599

 60.3455, 0.3723,
0.3599


425.8701, 0.3436,
0.3458

 43.6972, 0.3791,
0.3630


 105.3307, 0.3621,
0.3551

 30.4325, 0.3876,
0.3668


 134.4364, 0.3582,
0.3532

 20.1671, 0.3986,
0.3715


168.4633, 0.3549,
0.3515

 12.5166, 0.4133,
0.3774

207.7958, 0.3520,
0.3501

 7.0965, 0.4337,
0.3848

252.8183, 0.3495,
0.3488

 3.5225, 0.4635,
0.3939

303.9153, 0.3473,

 1.4102, 0.5515,

0.3477

0.4358

361.4711, 0.3454,
0.3467

0.2242, 0.6939,
0.3061

0.0000, 0.0000,
0.0000

60.3455, 0.3723,
0.3599

60.3455, 0.3723,
0.3599

53.2393, 0.3984,
0.3704

68.2784, 0.3496,
0.3493

46.9232, 0.4277,
0.3801

77.0561, 0.3301,
0.3391

41.3702, 0.4598,
0.3881

86.7069, 0.3134,
0.3294

36.5481, 0.4931,
0.3930

96.7305, 0.3036,
0.3282

■ 32.4221, 0.5256,
0.3936

■ 97.2663, 0.3035,
0.3290

■ 28.9535, 0.5544,
0.3889

■ 26.2024, 0.5770,
0.3801

Harmonies

Analogous

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



60.3455, 0.3679, 0.3357



60.3455, 0.3723, 0.3599



60.3455, 0.3599, 0.3776

Triad

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



60.3455, 0.3723, 0.3599



60.3455, 0.2778, 0.3470



60.3455, 0.2887, 0.2805

Complementary

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



60.3455, 0.3723, 0.3599



61.5772, 0.2651, 0.2958

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.



60.3455, 0.2665, 0.2812



60.3455, 0.3723, 0.3599



60.3455, 0.2604, 0.3182

Square

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



60.3455, 0.3723, 0.3599



60.3455, 0.3049, 0.3714



60.3455, 0.2564, 0.2943



60.3455, 0.3184, 0.2913

Rectangle

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



60.3455, 0.3723, 0.3599



60.3455, 0.3443, 0.3827



60.3455, 0.2564, 0.2943



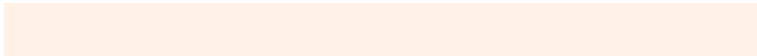
60.3455, 0.2802, 0.2793

Sweetspot

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



60.3483, 0.3723, 0.3599



89.9164, 0.3276, 0.3377



50.9076, 0.3398, 0.2806



18.9135, 0.3302, 0.3391



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.



60.3483, 0.3723, 0.3599



63.6925, 0.3894, 0.3670



78.7393, 0.3611, 0.3970



16.7535, 0.3284, 0.3381



14.5809, 0.5741, 0.3824



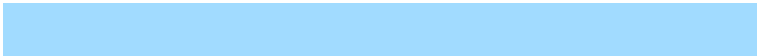
1.3998, 0.5496, 0.4018

Inverse Universe

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



61.5772, 0.2651, 0.2958



65.3112, 0.2548, 0.2872



45.3564, 0.2599, 0.2504



16.8506, 0.2980, 0.3197



15.2823, 0.1884, 0.1982



1.4632, 0.1937, 0.2172

Previews

White Background



This preview shows how the Yxy color 60.3455, 0.3723, 0.3599 looks on a white background.

Color Contrast Check

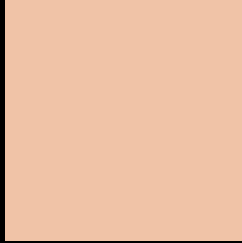
Large Text (above 18pt) WCAG AA × Fail

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 60.3455, 0.3723, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

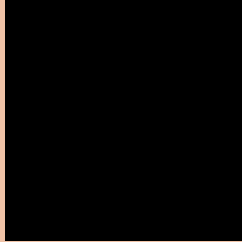
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3455, 0.3723, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 60.3455, 0.3723, 0.3599.



This preview shows how white text looks on a background with the Yxy color 60.3455, 0.3723, 0.3599.

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

60.3455, 0.3723, 0.3599

Protanopia

60.5731, 0.3458, 0.3676

Deuteranopia

60.2744, 0.3694, 0.3612



Tritanopia

60.4196, 0.3464, 0.3142

Trichromacy



Original Color

60.3455, 0.3723, 0.3599

Protanomaly

60.5229, 0.3547, 0.3646

Deuteranomaly

60.4470, 0.3703, 0.3611

Tritanomaly

60.5155, 0.3559, 0.3302

Monochromacy



Original Color

60.3455, 0.3723, 0.3599

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4403, 0.3336, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3455, 0.3723, 0.3599 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(240, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(240, 195, 167)  
}
```

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(240, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 195, 167) }
```

Border

The CSS property to change the border of an element to Yxy 60.3455, 0.3723, 0.3599 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(240, 195, 167) }
```

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

```
.border{ border-color:rgb(240, 195, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(240, 195,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3455, 0.3723, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 195, 167) }
```

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

```
.background{ background-color: rgb(240,  
195, 167) }
```

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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