

Converting Colors

Yxy(61.9436, 0.3460, 0.3013)

Have a look what the booklet for
Yxy(61.9436, 0.3460, 0.3013)
contains.

Yxy(61.9436, 0.3460, 0.3013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.9436, 0.3460, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	FEBCD7
RGB	254, 188, 215
RGB Percent	100%, 74%, 84%
CMY	0.0038, 0.2628, 0.1568
CMYK	0.00, 0.26, 0.15, 0.00
HSL	335°, 97%, 87%
HSV	335°, 26%, 100%
XYZ	71.1334, 61.9436, 72.5108
YIQ	210.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

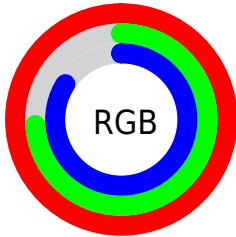
Format	Color
R_{YB}	254, 188, 215
Decimal	16694487
CIE _{Lab}	82.88, 27.74, -4.16
CIE _{LCh}	83, 28.047, 351.460
Yxy	61.9436, 0.3460, 0.3013
Android (android.graphics.Color)	4294884567 (0xFFFEBCD7)
YUV	210.8120, 2.0647, 37.8759
Hunter-Lab	78.7043, 23.5969, 0.4687

Details

The Yxy color **61.9436, 0.3460, 0.3013** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.1419, 0.2883, 0.3586**, and the grayscale version is **64.9852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.3240, 0.3541, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **51.2956, 0.3639, 0.2901**, and if you desaturate by 10%, it is **74.5782, 0.3312, 0.3124**.

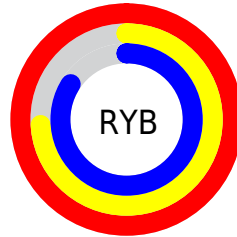
Distribution



Red (100%)

Green (74%)

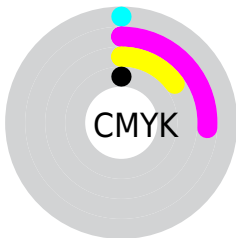
Blue (84%)



Red (100%)

Yellow (74%)

Blue (84%)

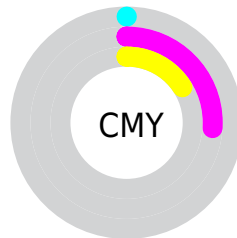


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9436, 0.3460, 0.3013 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 61.9436, 0.3460, 0.3013 by changing the saturation by 10% instead.

 61.9436, 0.3460,
0.3013

 61.9436, 0.3460,
0.3013


431.7253, 0.3303,
0.3143

 44.9871, 0.3497,
0.2983


 107.6440, 0.3405,
0.3058

 31.4473, 0.3543,
0.2946


137.1567, 0.3383,
0.3076

 20.9397, 0.3601,
0.2899


171.6237, 0.3365,
0.3091

 13.0799, 0.3680,
0.2836

211.4292, 0.3349,
0.3104

 7.4836, 0.3788,
0.2750

256.9578, 0.3336,
0.3115

 3.7663, 0.3950,
0.2625


308.5937, 0.3323,

 1.5437, 0.4214,


0.3125


0.2425


366.7214, 0.3312,
0.3134


 0.3192, 0.5078,
0.1640


 0.0000, 0.0000,
0.0000


 61.9436, 0.3460,
0.3013


 61.9436, 0.3460,
0.3013

 51.2956, 0.3639,
0.2901


 74.5782, 0.3312,
0.3124

 42.5236, 0.3852,
0.2795

 89.2854, 0.3190,
0.3230

 35.5193, 0.4100,
0.2702

99.8174, 0.3121,
0.3290

 30.1595, 0.4381,
0.2634

■ 26.3051, 0.4683,
0.2605

■ 23.7935, 0.4989,
0.2626

■ 22.4234, 0.5278,
0.2702

■ 22.0764, 0.5388,
0.2742

Harmonies

Analogous

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



61.9436, 0.3100, 0.2806



61.9436, 0.3460, 0.3013



61.9436, 0.3737, 0.3290

Triad

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



61.9436, 0.3460, 0.3013



61.9436, 0.3472, 0.3930



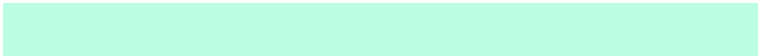
61.9436, 0.2463, 0.2938

Complementary

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



61.9436, 0.3460, 0.3013



87.1419, 0.2883, 0.3586

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.



61.9436, 0.2550, 0.3243



61.9436, 0.3460, 0.3013



61.9436, 0.3122, 0.3849

Square

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



61.9436, 0.3460, 0.3013



61.9436, 0.3738, 0.3820



61.9436, 0.2786, 0.3587



61.9436, 0.2539, 0.2752

Rectangle

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



61.9436, 0.3460, 0.3013



61.9436, 0.3828, 0.3486



61.9436, 0.2786, 0.3587



61.9436, 0.2474, 0.3029

Sweetspot

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



61.9464, 0.3460, 0.3013



86.9159, 0.3212, 0.3209



59.3718, 0.2950, 0.2599



18.1103, 0.3230, 0.3193



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.



61.9464, 0.3460, 0.3013



56.8602, 0.3546, 0.2957



63.0658, 0.3672, 0.3349



18.1103, 0.3230, 0.3193



11.6629, 0.5346, 0.2719



1.1566, 0.5048, 0.2555

Inverse Universe

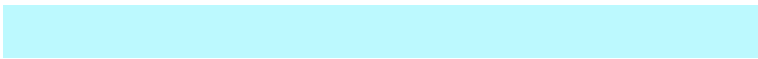
The Inverse Universe completely reimagines the original color for something new.



61.9464, 0.3460, 0.3013



56.8602, 0.3546, 0.2957



85.3098, 0.2740, 0.3230



18.1103, 0.3230, 0.3193



11.6629, 0.5346, 0.2719



1.1566, 0.5048, 0.2555

Previews

White Background



This preview shows how the Yxy color 61.9436, 0.3460, 0.3013 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 61.9436, 0.3460, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

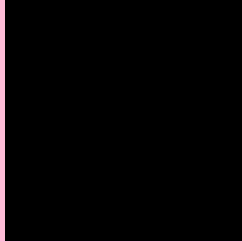
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9436, 0.3460, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 61.9436, 0.3460, 0.3013.



This preview shows how white text looks on a background with the Yxy color 61.9436, 0.3460, 0.3013.

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

61.9436, 0.3460, 0.3013

Protanopia

62.1328, 0.2983, 0.3052

Deuteranopia

61.9599, 0.3220, 0.3146



Tritanopia

62.0692, 0.3538, 0.3146

Trichromacy



Original Color

61.9436, 0.3460, 0.3013

Protanomaly

61.8087, 0.3147, 0.3037

Deuteranomaly

61.9971, 0.3303, 0.3096

Tritanomaly

61.8319, 0.3507, 0.3094

Monochromacy



Original Color

61.9436, 0.3460, 0.3013

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.7962, 0.3248, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9436, 0.3460, 0.3013 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(254, 188, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 215)  
}
```

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(254, 188, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 215) }
```

Border

The CSS property to change the border of an element to Yxy 61.9436, 0.3460, 0.3013 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(254, 188, 215) }
```

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

```
.border{ border-color:rgb(254, 188, 215) }
```

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

Here you see how a box with a 4 pixel rgb(254, 188, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9436, 0.3460, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 215) }
```

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

```
.background{ background-color: rgb(254,  
188, 215) }
```

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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