

Converting Colors

Yxy(61.0509, 0.3154, 0.2999)

Have a look what the booklet for
Yxy(61.0509, 0.3154, 0.2999)
contains.

Yxy(61.2678, 0.3156, 0.3006)	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(61.2678, 0.3156, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	E1C5DF
RGB	225, 197, 223
RGB Percent	88%, 77%, 87%
CMY	0.1178, 0.2274, 0.1256
CMYK	0.00, 0.12, 0.01, 0.12
HSL	304°, 32%, 83%
HSV	304°, 12%, 88%
XYZ	64.3251, 61.2678, 78.2255
YIQ	208.3360, 8.3420, 14.0220

Conversions

Conversions Part 2

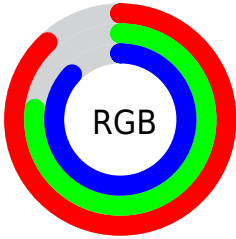
Format	Color
R _Y B	225, 197, 223
Decimal	14796255
CIE Lab	82.52, 14.32, -9.26
CIE LCh	83, 17.053, 327.112
Yxy	61.2678, 0.3156, 0.3006
Android (android.graphics.Color)	4292986335 (0xFFE1C5DF)
YUV	208.3360, 7.2294, 14.6143
Hunter-Lab	78.2738, 9.7116, -4.4618

Details

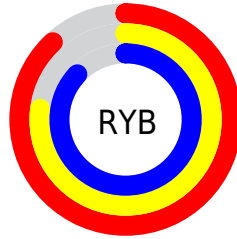
The Yxy color **61.2678, 0.3156, 0.3006** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.8291, 0.3099, 0.3591**, and the grayscale version is **63.2525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.0181, 0.3165, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **51.7173, 0.3182, 0.2771**, and if you desaturate by 10%, it is **72.3490, 0.3132, 0.3236**.

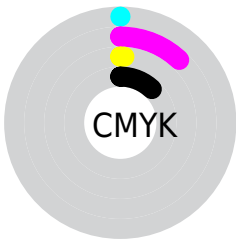
Distribution



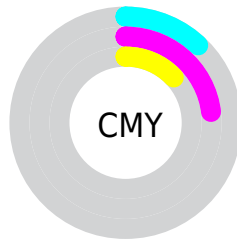
- Red (88%)
- Green (77%)
- Blue (87%)



- Red (88%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2678, 0.3156, 0.3006 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 61.2678, 0.3156, 0.3006 by changing the saturation by 10% instead.


 61.2678, 0.3156,
0.3006

 61.2678, 0.3156,
0.3006


429.2552, 0.3144,
0.3139

 44.4413, 0.3159,
0.2975


106.6666, 0.3152,
0.3052

 31.0176, 0.3162,
0.2938


136.0077, 0.3150,
0.3070

 20.6123, 0.3165,
0.2889


170.2892, 0.3149,
0.3086

 12.8409, 0.3170,
0.2826

209.8953, 0.3148,
0.3099

 7.3191, 0.3175,
0.2739

255.2106, 0.3146,
0.3111

 3.6624, 0.3182,
0.2612


306.6195, 0.3145,


 1.4866, 0.3188,


0.3121


0.2410


364.5062, 0.3144,
0.3130


 0.2793, 0.3332,
0.1513


 0.0000, 0.0000,
0.0000


 61.2678, 0.3156,
0.3006


 61.2678, 0.3156,
0.3006


 51.7173, 0.3182,
0.2771


 72.3490, 0.3132,
0.3236


 43.6222, 0.3210,
0.2539

 85.0160, 0.3111,
0.3456

 36.9130, 0.3240,
0.2316

 93.1116, 0.3097,
0.3570

 31.5109, 0.3270,
0.2113

 93.2011, 0.3088,
0.3553

27.3298, 0.3301,
0.1939

93.2915, 0.3079,
0.3536

24.2729, 0.3330,
0.1804

93.3827, 0.3069,
0.3519

22.2288, 0.3357,
0.1710

93.4747, 0.3060,
0.3502

21.0635, 0.3382,
0.1661

93.5675, 0.3051,
0.3486

20.6006, 0.3399,
0.1646

93.6612, 0.3042,
0.3469

Harmonies

Analogous

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



61.2678, 0.2942, 0.2932



61.2678, 0.3156, 0.3006



61.2678, 0.3369, 0.3150

Triad

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



61.2678, 0.3156, 0.3006



61.2678, 0.3478, 0.3637



61.2678, 0.2751, 0.3229

Complementary

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



61.2678, 0.3156, 0.3006



69.8291, 0.3099, 0.3591

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.



61.2678, 0.2886, 0.3433



61.2678, 0.3156, 0.3006



61.2678, 0.3304, 0.3674

Square

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



61.2678, 0.3156, 0.3006



61.2678, 0.3558, 0.3509



61.2678, 0.3087, 0.3600



61.2678, 0.2714, 0.3051

Rectangle

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



61.2678, 0.3156, 0.3006



61.2678, 0.3478, 0.3269



61.2678, 0.3087, 0.3600



61.2678, 0.2786, 0.3297

Sweetspot

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



61.2705, 0.3156, 0.3006



93.6170, 0.3136, 0.3199



57.5031, 0.2944, 0.2966



19.7891, 0.3138, 0.3182



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.



61.2705, 0.3156, 0.3006



77.8023, 0.3163, 0.2943



60.5543, 0.3259, 0.3156



13.9179, 0.3149, 0.3075



11.8826, 0.3396, 0.1645



0.8288, 0.3364, 0.1627

Inverse Universe

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



61.2705, 0.3156, 0.3006



77.8023, 0.3163, 0.2943



70.5016, 0.3012, 0.3428



13.9179, 0.3149, 0.3075



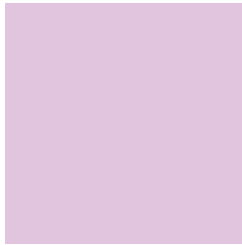
11.8826, 0.3396, 0.1645



0.8288, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 61.2678, 0.3156, 0.3006 looks on a white background.

Color Contrast Check

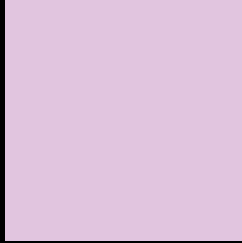
Large Text (above 18pt) WCAG AA × Fail

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 61.2678, 0.3156, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

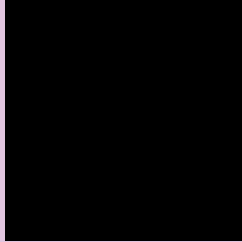
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2678, 0.3156, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 61.2678, 0.3156, 0.3006.



This preview shows how white text looks on a background with the Yxy color 61.2678, 0.3156, 0.3006.

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

61.2678, 0.3156, 0.3006

Protanopia

61.4283, 0.2962, 0.3028

Deuteranopia

61.4879, 0.3108, 0.3045



Tritanopia

61.5492, 0.3213, 0.3124

Trichromacy



Original Color

61.2678, 0.3156, 0.3006

Protanomaly

61.1132, 0.3027, 0.3009

Deuteranomaly

61.4929, 0.3131, 0.3036

Tritanomaly

61.2452, 0.3192, 0.3080

Monochromacy



Original Color

61.2678, 0.3156, 0.3006

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.2860, 0.3140, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2678, 0.3156, 0.3006 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(225, 197, 223)` looks like.

```
.text, #text, p{  
    color:rgb(225, 197, 223)  
}
```

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(225, 197, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 197, 223) }
```

Border

The CSS property to change the border of an element to Yxy 61.2678, 0.3156, 0.3006 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(225, 197, 223) }
```

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

```
.border{ border-color:rgb(225, 197, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 197, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 197, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 197, 223); box-shadow:4px 4px 4px 4px rgb(225, 197, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2678, 0.3156, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 197, 223) }
```

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

```
.background{ background-color: rgb(225,  
197, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor