

Converting Colors

$Yxy(61.4505, 0.3296, 0.3172)$

Have a look what the booklet for
Yxy(61.4505, 0.3296, 0.3172)
contains.

Yxy(61.6002, 0.3299, 0.3180)	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(61.6002, 0.3299, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	E5C6D0
RGB	229, 198, 208
RGB Percent	90%, 78%, 82%
CMY	0.1018, 0.2236, 0.1843
CMYK	0.00, 0.14, 0.09, 0.10
HSL	341°, 37%, 84%
HSV	341°, 14%, 90%
XYZ	63.9054, 61.6002, 68.2058
YIQ	208.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

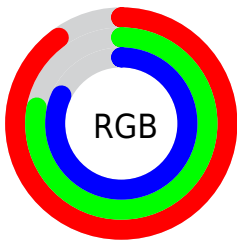
Format	Color
R _Y B	229, 198, 208
Decimal	15058640
CIE Lab	82.70, 12.60, -0.95
CIE LCh	83, 12.633, 355.672
Yxy	61.6002, 0.3299, 0.3180
Android (android.graphics.Color)	4293248720 (0xFFE5C6D0)
YUV	208.4090, -0.2016, 18.0583
Hunter-Lab	78.4858, 7.9896, 3.4158

Details

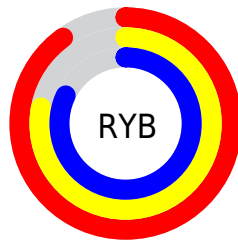
The Yxy color **61.6002, 0.3299, 0.3180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1857, 0.2981, 0.3403**, and the grayscale version is **63.3547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1638, 0.3336, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **51.1860, 0.3460, 0.3094**, and if you desaturate by 10%, it is **73.6778, 0.3168, 0.3262**.

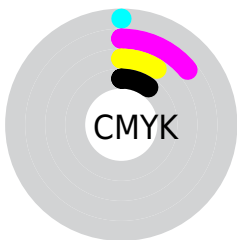
Distribution



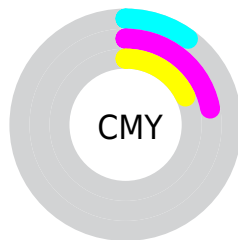
- Red (90%)
- Green (78%)
- Blue (82%)



- Red (90%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (10%)




- Cyan (10%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6002, 0.3299, 0.3180 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 61.6002, 0.3299, 0.3180 by changing the saturation by 10% instead.


 61.6002, 0.3299,
0.3180

 61.6002, 0.3299,
0.3180

430.4713, 0.3217,
0.3232

 44.7097, 0.3318,
0.3168


107.1475, 0.3270,
0.3198

 31.2289, 0.3342,
0.3152


136.5731, 0.3259,
0.3206

 20.7732, 0.3374,
0.3133


170.9459, 0.3250,
0.3212

 12.9583, 0.3415,
0.3106

210.6503, 0.3241,
0.3217

 7.3998, 0.3474,
0.3069

256.0706, 0.3234,
0.3221

 3.7134, 0.3563,
0.3013


307.5913, 0.3228,


 1.5146, 0.3713,


0.3225


0.2920


365.5967, 0.3222,
0.3229

 0.2989, 0.4612,
0.2331


 0.0000, 0.0000,
0.0000


 61.6002, 0.3299,
0.3180


 61.6002, 0.3299,
0.3180


 51.1860, 0.3460,
0.3094

 73.6778, 0.3168,
0.3262


 42.3541, 0.3656,
0.3005

 87.4791, 0.3061,
0.3339

 35.0287, 0.3892,
0.2920

 95.3769, 0.2973,
0.3294

 29.1246, 0.4171,
0.2845

 95.4062, 0.2970,
0.3290

■ 24.5479, 0.4490,
0.2789

■ 21.1934, 0.4839,
0.2767

■ 18.9397, 0.5194,
0.2788

■ 17.6399, 0.5524,
0.2858

■ 17.1601, 0.5714,
0.2921

Harmonies

Analogous

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



61.6002, 0.3142, 0.3074



61.6002, 0.3299, 0.3180



61.6002, 0.3411, 0.3316

Triad

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



61.6002, 0.3299, 0.3180



61.6002, 0.3267, 0.3573



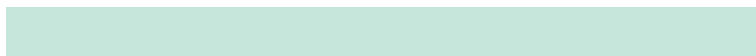
61.6002, 0.2819, 0.3120

Complementary

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



61.6002, 0.3299, 0.3180



73.1857, 0.2981, 0.3403

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.



61.6002, 0.2851, 0.3254



61.6002, 0.3299, 0.3180



61.6002, 0.3107, 0.3521

Square

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



61.6002, 0.3299, 0.3180



61.6002, 0.3392, 0.3544



61.6002, 0.2955, 0.3402



61.6002, 0.2867, 0.3037

Rectangle

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



61.6002, 0.3299, 0.3180



61.6002, 0.3444, 0.3407



61.6002, 0.2955, 0.3402



61.6002, 0.2821, 0.3160

Sweetspot

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



61.6029, 0.3299, 0.3180



93.2270, 0.3173, 0.3258



61.0546, 0.3064, 0.2948



19.6903, 0.3182, 0.3252



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.



61.6029, 0.3299, 0.3180



75.0211, 0.3337, 0.3158



63.5319, 0.3368, 0.3348



14.4443, 0.3242, 0.3214



9.8260, 0.5674, 0.2899



0.7426, 0.5260, 0.2671

Inverse Universe

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



61.6029, 0.3299, 0.3180



75.0211, 0.3337, 0.3158



70.9067, 0.2919, 0.3231



14.4443, 0.3242, 0.3214



9.8260, 0.5674, 0.2899



0.7426, 0.5260, 0.2671

Previews

White Background



This preview shows how the Yxy color 61.6002, 0.3299, 0.3180 looks on a white background.

Color Contrast Check

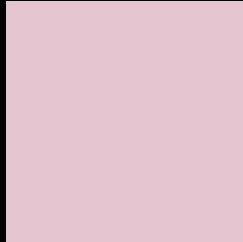
Large Text (above 18pt) WCAG AA × Fail

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 61.6002, 0.3299, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

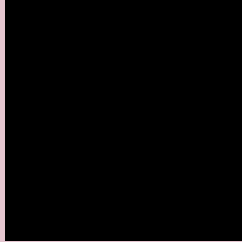
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6002, 0.3299, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 61.6002, 0.3299, 0.3180.



This preview shows how white text looks on a background with the Yxy color 61.6002, 0.3299, 0.3180.

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

61.6002, 0.3299, 0.3180

Protanopia

61.8260, 0.3101, 0.3210

Deuteranopia

61.8702, 0.3265, 0.3202



Tritanopia

61.5596, 0.3270, 0.3115

Trichromacy



Original Color

61.6002, 0.3299, 0.3180

Protanomaly

61.5431, 0.3170, 0.3188

Deuteranomaly

61.5697, 0.3274, 0.3191

Tritanomaly

61.4586, 0.3285, 0.3137

Monochromacy



Original Color

61.6002, 0.3299, 0.3180

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3387, 0.3191, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6002, 0.3299, 0.3180 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(229, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(229, 198, 208)  
}
```

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(229, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 198, 208) }
```

Border

The CSS property to change the border of an element to Yxy 61.6002, 0.3299, 0.3180 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(229, 198, 208) }
```

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

```
.border{ border-color:rgb(229, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 198, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 198, 208); box-shadow:4px 4px 4px 4px rgb(229, 198, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6002, 0.3299, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 198, 208) }
```

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

```
.background{ background-color: rgb(229,  
198, 208) }
```

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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