

Converting Colors

$Y_{xy}(60.8534, 0.3193, 0.3057)$

Have a look what the booklet for
Yxy(60.8534, 0.3193, 0.3057)
contains.

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Color

Yxy(61.0020, 0.3193, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	E1C5DA
RGB	225, 197, 218
RGB Percent	88%, 77%, 85%
CMY	0.1176, 0.2274, 0.1451
CMYK	0.00, 0.12, 0.03, 0.12
HSL	315°, 32%, 83%
HSV	315°, 12%, 88%
XYZ	63.6742, 61.0020, 74.7419
YIQ	207.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

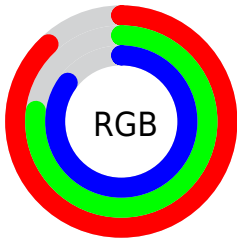
Format	Color
R _Y B	225, 197, 218
Decimal	14796250
CIE Lab	82.38, 13.45, -6.81
CIE LCh	82, 15.074, 333.157
Yxy	61.0020, 0.3193, 0.3059
Android (android.graphics.Color)	4292986330 (0xFFE1C5DA)
YUV	207.7660, 5.0454, 15.1142
Hunter-Lab	78.1038, 8.8407, -2.0653

Details

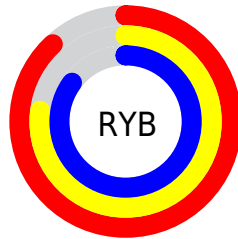
The Yxy color **61.0020, 0.3193, 0.3059** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0888, 0.3067, 0.3533**, and the grayscale version is **62.8811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.8353, 0.3214, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **51.2469, 0.3256, 0.2866**, and if you desaturate by 10%, it is **72.2976, 0.3139, 0.3246**.

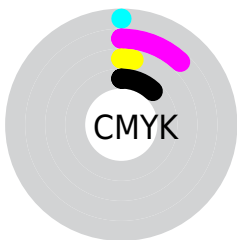
Distribution



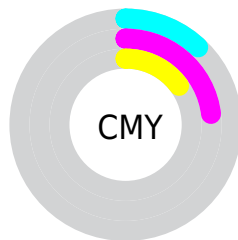
- Red (88%)
- Green (77%)
- Blue (85%)



- Red (88%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0020, 0.3193, 0.3059 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 61.0020, 0.3193, 0.3059 by changing the saturation by 10% instead.


 61.0020, 0.3193,
0.3059

 61.0020, 0.3193,
0.3059


428.2813, 0.3163,
0.3167

 44.2268, 0.3200,
0.3034


106.2818, 0.3182,
0.3097

 30.8488, 0.3209,
0.3003


135.5552, 0.3178,
0.3112

 20.4838, 0.3219,
0.2963


169.7635, 0.3175,
0.3124

 12.7472, 0.3234,
0.2910

209.2910, 0.3172,
0.3135

 7.2547, 0.3253,
0.2838

254.5221, 0.3169,
0.3145

 3.6219, 0.3281,
0.2731

305.8413, 0.3167,

 1.4644, 0.3325,

0.3153

0.2558

363.6329, 0.3164,
0.3161

0.2635, 0.3606,
0.1642

0.0000, 0.0000,
0.0000

61.0020, 0.3193,
0.3059

61.0020, 0.3193,
0.3059

51.2469, 0.3256,
0.2866

72.2976, 0.3139,
0.3246

42.9569, 0.3328,
0.2672

85.1891, 0.3093,
0.3423

36.0622, 0.3410,
0.2483

93.5227, 0.3057,
0.3495

30.4841, 0.3500,
0.2309

93.8538, 0.3025,
0.3436

■ 26.1361, 0.3597,
0.2160

■ 94.1952, 0.2994,
0.3379

■ 22.9214, 0.3699,
0.2046

■ 94.5472, 0.2963,
0.3321

■ 20.7282, 0.3802,
0.1976

■ 94.7496, 0.2946,
0.3289

■ 19.4225, 0.3903,
0.1954

■ 18.8597, 0.3977,
0.1964

Harmonies

Analogous

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



61.0020, 0.2999, 0.2979



61.0020, 0.3193, 0.3059



61.0020, 0.3374, 0.3197

Triad

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



61.0020, 0.3193, 0.3059



61.0020, 0.3413, 0.3612



61.0020, 0.2779, 0.3201

Complementary

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



61.0020, 0.3193, 0.3059



70.0888, 0.3067, 0.3533

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.



61.0020, 0.2883, 0.3381



61.0020, 0.3193, 0.3059



61.0020, 0.3247, 0.3624

Square

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



61.0020, 0.3193, 0.3059



61.0020, 0.3502, 0.3513



61.0020, 0.3054, 0.3539



61.0020, 0.2765, 0.3054

Rectangle

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



61.0020, 0.3193, 0.3059



61.0020, 0.3460, 0.3305



61.0020, 0.3054, 0.3539



61.0020, 0.2805, 0.3260

Sweetspot

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



61.0047, 0.3193, 0.3059



93.5003, 0.3147, 0.3217



58.2085, 0.2982, 0.2969



19.7595, 0.3151, 0.3203



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.



61.0047, 0.3193, 0.3059



77.3747, 0.3209, 0.3008



60.3030, 0.3298, 0.3212



13.8739, 0.3176, 0.3116



10.8861, 0.3962, 0.1956



0.7686, 0.3821, 0.1879

Inverse Universe

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



61.0047, 0.3193, 0.3059



77.3747, 0.3209, 0.3008



70.7905, 0.2980, 0.3369



13.8739, 0.3176, 0.3116



10.8861, 0.3962, 0.1956



0.7686, 0.3821, 0.1879

Previews

White Background



This preview shows how the Yxy color 61.0020, 0.3193, 0.3059 looks on a white background.

Color Contrast Check

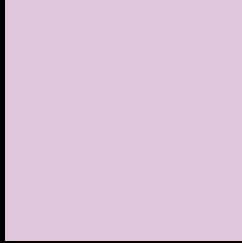
Large Text (above 18pt) WCAG AA × Fail

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 61.0020, 0.3193, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

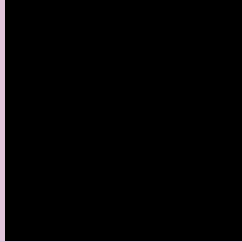
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0020, 0.3193, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 61.0020, 0.3193, 0.3059.



This preview shows how white text looks on a background with the Yxy color 61.0020, 0.3193, 0.3059.

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

61.0020, 0.3193, 0.3059

Protanopia

61.2970, 0.3002, 0.3084

Deuteranopia

60.9689, 0.3145, 0.3078



Tritanopia

61.0396, 0.3221, 0.3124

Trichromacy



Original Color

61.0020, 0.3193, 0.3059

Protanomaly

60.9908, 0.3069, 0.3064

Deuteranomaly

60.8223, 0.3161, 0.3068

Tritanomaly

61.1418, 0.3206, 0.3102

Monochromacy



Original Color

61.0020, 0.3193, 0.3059

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.2353, 0.3147, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0020, 0.3193, 0.3059 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(225, 197, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 197, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.0020, 0.3193, 0.3059 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, 218) }
```

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

```
.border{ border-color:rgb(225, 197, 218) }
```

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, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 197, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 197, 218);  
box-shadow:4px 4px 4px 4px rgb(225, 197,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0020, 0.3193, 0.3059 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, 218) }
```

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

```
.background{ background-color: rgb(225,  
197, 218) }
```

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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