

Converting Colors

Yxy(61.0359, 0.3321, 0.3061)

Have a look what the booklet for
Yxy(61.0359, 0.3321, 0.3061)
contains.

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Color

Yxy(60.9995, 0.3323, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	EDC1D6
RGB	237, 193, 214
RGB Percent	93%, 76%, 84%
CMY	0.0705, 0.2431, 0.1609
CMYK	0.00, 0.19, 0.10, 0.07
HSL	331°, 55%, 84%
HSV	331°, 19%, 93%
XYZ	66.1342, 60.9995, 71.8859
YIQ	208.5500, 19.4830, 15.8590

Conversions

Conversions Part 2

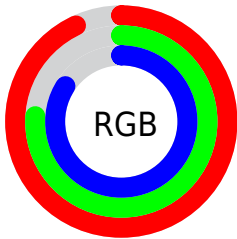
Format	Color
R_{YB}	237, 193, 214
Decimal	15581654
CIE _{Lab}	82.38, 19.02, -4.53
CIE _{LCh}	82, 19.551, 346.596
Yxy	60.9995, 0.3323, 0.3065
Android (android.graphics.Color)	4293771734 (0xFFEDC1D6)
YUV	208.5500, 2.6868, 24.9506
Hunter-Lab	78.1022, 14.4688, 0.1005

Details

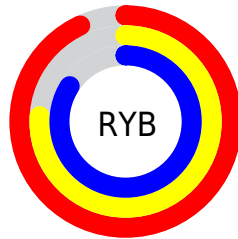
The Yxy color **60.9995, 0.3323, 0.3065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8784, 0.2967, 0.3527**, and the grayscale version is **63.4266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.7922, 0.3378, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **50.7390, 0.3460, 0.2937**, and if you desaturate by 10%, it is **72.9931, 0.3209, 0.3189**.

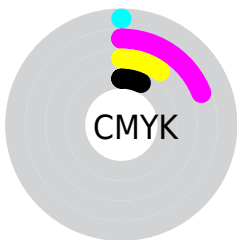
Distribution



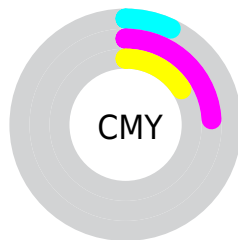
- Red (93%)
- Green (76%)
- Blue (84%)



- Red (93%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (19%)
- Yellow (10%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9995, 0.3323, 0.3065 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 60.9995, 0.3323, 0.3065 by changing the saturation by 10% instead.

 60.9995, 0.3323,
0.3065

 60.9995, 0.3323,
0.3065


428.2722, 0.3230,
0.3171

 44.2248, 0.3345,
0.3040

 106.2782, 0.3290,
0.3102

 30.8472, 0.3372,
0.3010


135.5510, 0.3278,
0.3116

 20.4826, 0.3407,
0.2971


169.7585, 0.3267,
0.3129

 12.7463, 0.3453,
0.2919

209.2853, 0.3258,
0.3139

 7.2541, 0.3517,
0.2848

254.5157, 0.3250,
0.3149

 3.6215, 0.3614,
0.2743

305.8340, 0.3243,

 1.4642, 0.3773,

0.3157

0.2573

363.6247, 0.3236,
0.3164

0.2633, 0.4518,
0.1665

0.0000, 0.0000,
0.0000

60.9995, 0.3323,
0.3065

60.9995, 0.3323,
0.3065

50.7390, 0.3460,
0.2937

72.9931, 0.3209,
0.3189

42.1225, 0.3624,
0.2809

86.7872, 0.3115,
0.3306

35.0653, 0.3817,
0.2688

96.5060, 0.3039,
0.3327

29.4717, 0.4037,
0.2584

96.7480, 0.3017,
0.3290

■ 25.2356, 0.4283,
0.2509

■ 22.2361, 0.4544,
0.2476

■ 20.3305, 0.4807,
0.2496

■ 19.3119, 0.5059,
0.2568

■ 19.1981, 0.5095,
0.2580

Harmonies

Analogous

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



60.9995, 0.3070, 0.2926



60.9995, 0.3323, 0.3065



60.9995, 0.3528, 0.3261

Triad

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



60.9995, 0.3323, 0.3065



60.9995, 0.3409, 0.3732



60.9995, 0.2656, 0.3078

Complementary

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



60.9995, 0.3323, 0.3065



76.8784, 0.2967, 0.3527

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.



60.9995, 0.2739, 0.3300



60.9995, 0.3323, 0.3065



60.9995, 0.3169, 0.3693

Square

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



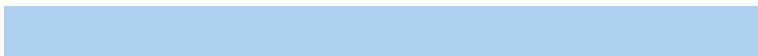
60.9995, 0.3323, 0.3065



60.9995, 0.3577, 0.3645



60.9995, 0.2924, 0.3531



60.9995, 0.2693, 0.2926

Rectangle

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



60.9995, 0.3323, 0.3065



60.9995, 0.3606, 0.3402



60.9995, 0.2924, 0.3531



60.9995, 0.2671, 0.3147

Sweetspot

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



61.0022, 0.3323, 0.3065



90.1184, 0.3183, 0.3220



58.8164, 0.2987, 0.2806



19.0689, 0.3190, 0.3212



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.



61.0022, 0.3323, 0.3065



67.5312, 0.3368, 0.3020



60.3242, 0.3489, 0.3299



15.1736, 0.3218, 0.3178



10.5056, 0.5056, 0.2559



0.8443, 0.4733, 0.2381

Inverse Universe

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



61.0022, 0.3323, 0.3065



67.5312, 0.3368, 0.3020



77.6094, 0.2848, 0.3281



15.1736, 0.3218, 0.3178



10.5056, 0.5056, 0.2559



0.8443, 0.4733, 0.2381

Previews

White Background



This preview shows how the Yxy color 60.9995, 0.3323, 0.3065 looks on a white background.

Color Contrast Check

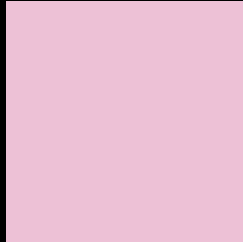
Large Text (above 18pt) WCAG AA × Fail

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 60.9995, 0.3323, 0.3065 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 60.9995, 0.3323, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 60.9995, 0.3323, 0.3065.



This preview shows how white text looks on a background with the Yxy color 60.9995, 0.3323, 0.3065.

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

60.9995, 0.3323, 0.3065

Protanopia

61.2436, 0.3009, 0.3095

Deuteranopia

61.1805, 0.3205, 0.3134



Tritanopia

61.0199, 0.3352, 0.3128

Trichromacy



Original Color

60.9995, 0.3323, 0.3065

Protanomaly

60.9694, 0.3121, 0.3088

Deuteranomaly

61.0675, 0.3246, 0.3114

Tritanomaly

61.1196, 0.3337, 0.3107

Monochromacy



Original Color

60.9995, 0.3323, 0.3065

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.4751, 0.3193, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9995, 0.3323, 0.3065 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(237, 193, 214)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 214)  
}
```

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(237, 193, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 214) }
```

Border

The CSS property to change the border of an element to Yxy 60.9995, 0.3323, 0.3065 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(237, 193, 214) }
```

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

```
.border{ border-color:rgb(237, 193, 214) }
```

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

Here you see how a box with a 4 pixel rgb(237, 193, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 193, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 193, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 193,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9995, 0.3323, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 193, 214) }
```

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

```
.background{ background-color: rgb(237,  
193, 214) }
```

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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