

Converting Colors

$Y_{xy}(67.1769, 0.3155, 0.3174)$

Have a look what the booklet for
Yxy(67.1769, 0.3155, 0.3174)
contains.

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Color

Yxy(67.1609, 0.3155, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	E0D2DD
RGB	224, 210, 221
RGB Percent	88%, 82%, 87%
CMY	0.1215, 0.1765, 0.1333
CMYK	0.00, 0.06, 0.01, 0.12
HSL	313°, 18%, 85%
HSV	313°, 6%, 88%
XYZ	66.8431, 67.1609, 77.8600
YIQ	215.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

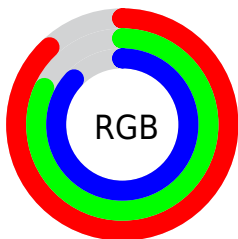
Format	Color
R_{YB}	224, 210, 221
Decimal	14734045
CIE Lab	85.59, 6.77, -3.70
CIE LCh	86, 7.719, 331.355
Yxy	67.1609, 0.3155, 0.3170
Android (android.graphics.Color)	4292924125 (0xFFE0D2DD)
YUV	215.4400, 2.7411, 7.5071
Hunter-Lab	81.9518, 2.1761, 1.0365

Details

The Yxy color **67.1609, 0.3155, 0.3170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8241, 0.3100, 0.3413**, and the grayscale version is **68.2508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9651, 0.3163, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **56.6143, 0.3205, 0.2972**, and if you desaturate by 10%, it is **79.2688, 0.3112, 0.3360**.

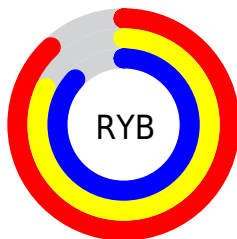
Distribution



Red (88%)

Green (82%)

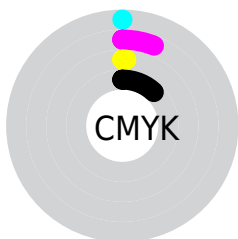
Blue (87%)



Red (88%)

Yellow (82%)

Blue (87%)

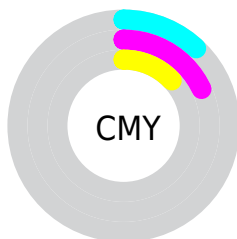


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1609, 0.3155, 0.3170 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 67.1609, 0.3155, 0.3170 by changing the saturation by 10% instead.

67.1609, 0.3155,
0.3170

67.1609, 0.3155,
0.3170

450.5173, 0.3142,
0.3226

49.2154, 0.3158,
0.3157

115.1509, 0.3151,
0.3189

34.7904, 0.3161,
0.3141

145.9643, 0.3149,
0.3197

23.5014, 0.3166,
0.3121

181.8356, 0.3147,
0.3204

14.9642, 0.3172,
0.3094

223.1495, 0.3146,
0.3209

8.7943, 0.3180,
0.3058

270.2902, 0.3145,
0.3214

4.6072, 0.3192,
0.3004

323.6421, 0.3144,

2.0187, 0.3210,

0.3219

0.2919

383.5897, 0.3143,
0.3222

0.6183, 0.3269,
0.2684

0.0000, 0.0000,
0.0000

67.1609, 0.3155,
0.3170

67.1609, 0.3155,
0.3170

56.6143, 0.3205,
0.2972

79.2688, 0.3112,
0.3360

47.5564, 0.3263,
0.2769

92.9896, 0.3075,
0.3539

39.9215, 0.3329,
0.2568

93.3895, 0.3048,
0.3490

33.6358, 0.3402,
0.2376

93.6705, 0.3022,
0.3441

■ 28.6189, 0.3481,
0.2204

■ 93.9589, 0.2995,
0.3391

■ 24.7816, 0.3565,
0.2062

■ 94.2549, 0.2969,
0.3343

■ 22.0233, 0.3650,
0.1958

■ 94.5586, 0.2943,
0.3294

■ 20.2264, 0.3734,
0.1900

■ 94.5895, 0.2940,
0.3289

■ 19.2440, 0.3815,
0.1889

Harmonies

Analogous

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



67.1609, 0.3059, 0.3132



67.1609, 0.3155, 0.3170



67.1609, 0.3245, 0.3239

Triad

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



67.1609, 0.3155, 0.3170



67.1609, 0.3273, 0.3448



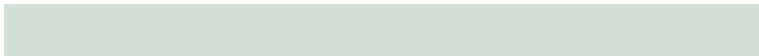
67.1609, 0.2955, 0.3253

Complementary

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



67.1609, 0.3155, 0.3170



71.8241, 0.3100, 0.3413

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.



67.1609, 0.3010, 0.3341



67.1609, 0.3155, 0.3170



67.1609, 0.3194, 0.3454

Square

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



67.1609, 0.3155, 0.3170



67.1609, 0.3313, 0.3399



67.1609, 0.3097, 0.3415



67.1609, 0.2945, 0.3178

Rectangle

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



67.1609, 0.3155, 0.3170



67.1609, 0.3288, 0.3295



67.1609, 0.3097, 0.3415



67.1609, 0.2969, 0.3282

Sweetspot

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



67.1638, 0.3155, 0.3170



96.7191, 0.3136, 0.3252



65.5919, 0.3052, 0.3134



20.7362, 0.3135, 0.3254



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.



67.1638, 0.3155, 0.3170



87.3903, 0.3164, 0.3135



66.8077, 0.3203, 0.3244



13.8829, 0.3170, 0.3108



11.0698, 0.3834, 0.1886



0.7800, 0.3719, 0.1822

Inverse Universe

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



67.1638, 0.3155, 0.3170



87.3903, 0.3164, 0.3135



72.1776, 0.3057, 0.3336



13.8829, 0.3170, 0.3108



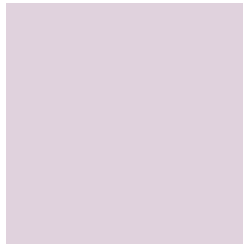
11.0698, 0.3834, 0.1886



0.7800, 0.3719, 0.1822

Previews

White Background



This preview shows how the Yxy color 67.1609, 0.3155, 0.3170 looks on a white background.

Color Contrast Check

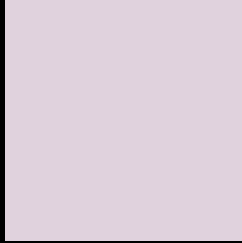
Large Text (above 18pt) WCAG AA × Fail

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 67.1609, 0.3155, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

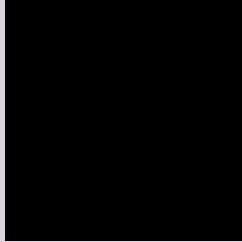
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

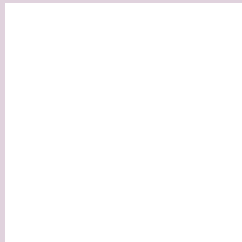
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1609, 0.3155, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 67.1609, 0.3155, 0.3170.

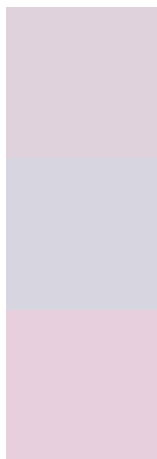


This preview shows how white text looks on a background with the Yxy color 67.1609, 0.3155, 0.3170.

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

67.1609, 0.3155, 0.3170

Protanopia

67.3633, 0.3074, 0.3179

Deuteranopia

66.8885, 0.3202, 0.3129



Tritanopia

67.0995, 0.3128, 0.3106

Trichromacy



Original Color

67.1609, 0.3155, 0.3170

Protanomaly

67.2663, 0.3103, 0.3180

Deuteranomaly

66.8797, 0.3179, 0.3139

Tritanomaly

66.9903, 0.3142, 0.3127

Monochromacy



Original Color

67.1609, 0.3155, 0.3170

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5037, 0.3137, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1609, 0.3155, 0.3170 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(224, 210, 221)` looks like.

```
.text, #text, p{  
    color:rgb(224, 210, 221)  
}
```

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(224, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 210, 221) }
```

Border

The CSS property to change the border of an element to Yxy 67.1609, 0.3155, 0.3170 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(224, 210, 221) }
```

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

```
.border{ border-color:rgb(224, 210, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 210, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(224, 210,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1609, 0.3155, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 210, 221) }
```

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

```
.background{ background-color: rgb(224,  
210, 221) }
```

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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