

Converting Colors

Yxy(63.2914, 0.3173, 0.3096)

Have a look what the booklet for
Yxy(63.2914, 0.3173, 0.3096)
contains.

Yxy(63.2557, 0.3167, 0.3093)	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(63.2557, 0.3167, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	E0CADC
RGB	224, 202, 220
RGB Percent	88%, 79%, 86%
CMY	0.1217, 0.2078, 0.1374
CMYK	0.00, 0.10, 0.02, 0.12
HSL	311°, 26%, 84%
HSV	311°, 10%, 88%
XYZ	64.7691, 63.2557, 76.4877
YIQ	210.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

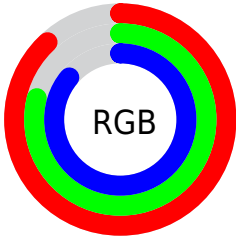
Format	Color
R_{YB}	224, 202, 220
Decimal	14731996
CIE _{Lab}	83.58, 10.78, -6.11
CIE _{LCh}	84, 12.392, 330.481
Yxy	63.2557, 0.3167, 0.3093
Android (android.graphics.Color)	4292922076 (0xFFE0CADC)
YUV	210.6300, 4.6194, 11.7255
Hunter-Lab	79.5335, 6.1802, -1.3460

Details

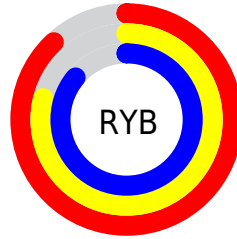
The Yxy color **63.2557, 0.3167, 0.3093** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3109, 0.3090, 0.3495**, and the grayscale version is **64.8487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3314, 0.3179, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **53.2853, 0.3214, 0.2885**, and if you desaturate by 10%, it is **74.7622, 0.3126, 0.3294**.

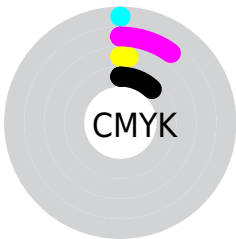
Distribution



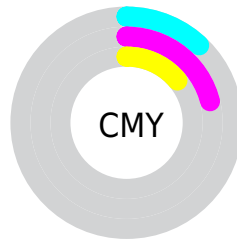
- Red (88%)
- Green (79%)
- Blue (86%)



- Red (88%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (12%)





- Cyan (12%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2557, 0.3167, 0.3093 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 63.2557, 0.3167, 0.3093 by changing the saturation by 10% instead.


 63.2557, 0.3167,
0.3093

 63.2557, 0.3167,
0.3093

436.4969, 0.3149,
0.3185

 46.0481, 0.3171,
0.3072

109.5383, 0.3161,
0.3125

 32.2838, 0.3176,
0.3045


139.3821, 0.3158,
0.3138

 21.5783, 0.3183,
0.3012


174.2068, 0.3156,
0.3148

 13.5474, 0.3191,
0.2967

214.3967, 0.3154,
0.3158

 7.8066, 0.3202,
0.2906

260.3363, 0.3153,
0.3166

 3.9714, 0.3218,
0.2817

312.4099, 0.3151,

 1.6576, 0.3241,

0.3173

0.2673

371.0020, 0.3150,
0.3179

0.3960, 0.3378,
0.2091

0.0000, 0.0000,
0.0000

63.2557, 0.3167,
0.3093

63.2557, 0.3167,
0.3093

53.2853, 0.3214,
0.2885

74.7622, 0.3126,
0.3294

44.7772, 0.3267,
0.2675

87.8581, 0.3092,
0.3484

37.6642, 0.3326,
0.2470

93.2001, 0.3066,
0.3524

31.8701, 0.3391,
0.2278

93.4347, 0.3043,
0.3481

■ 27.3118, 0.3460,
0.2111

■ 93.6747, 0.3020,
0.3439

■ 23.8967, 0.3531,
0.1977

■ 93.9201, 0.2998,
0.3397

■ 21.5188, 0.3602,
0.1885

■ 94.1711, 0.2975,
0.3355

■ 20.0527, 0.3671,
0.1838

■ 94.4275, 0.2953,
0.3314

■ 19.2832, 0.3737,
0.1833

■ 94.5824, 0.2940,
0.3289

Harmonies

Analogous

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



63.2557, 0.3011, 0.3032



63.2557, 0.3167, 0.3093



63.2557, 0.3316, 0.3203

Triad

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



63.2557, 0.3167, 0.3093



63.2557, 0.3369, 0.3547



63.2557, 0.2848, 0.3232

Complementary

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



63.2557, 0.3167, 0.3093



70.3109, 0.3090, 0.3495

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.



63.2557, 0.2940, 0.3377



63.2557, 0.3167, 0.3093



63.2557, 0.3239, 0.3562

Square

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



63.2557, 0.3167, 0.3093



63.2557, 0.3434, 0.3463



63.2557, 0.3082, 0.3500



63.2557, 0.2830, 0.3108

Rectangle

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



63.2557, 0.3167, 0.3093



63.2557, 0.3389, 0.3292



63.2557, 0.3082, 0.3500



63.2557, 0.2871, 0.3280

Sweetspot

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



63.2584, 0.3167, 0.3093



95.1265, 0.3139, 0.3230



60.7059, 0.3001, 0.3040



20.0892, 0.3142, 0.3214



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.



63.2584, 0.3167, 0.3093



81.6531, 0.3177, 0.3046



62.7126, 0.3245, 0.3209



13.8906, 0.3165, 0.3100



11.2358, 0.3729, 0.1828



0.7901, 0.3634, 0.1776

Inverse Universe

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



63.2584, 0.3167, 0.3093



81.6531, 0.3177, 0.3046



70.8457, 0.3022, 0.3372



13.8906, 0.3165, 0.3100



11.2358, 0.3729, 0.1828



0.7901, 0.3634, 0.1776

Previews

White Background



This preview shows how the Yxy color 63.2557, 0.3167, 0.3093 looks on a white background.

Color Contrast Check

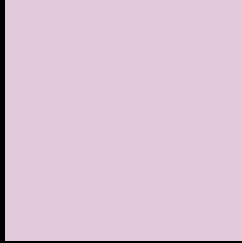
Large Text (above 18pt) WCAG AA × Fail

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 63.2557, 0.3167, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

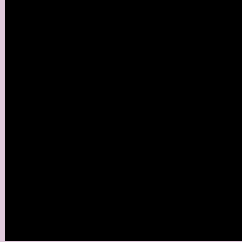
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2557, 0.3167, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 63.2557, 0.3167, 0.3093.

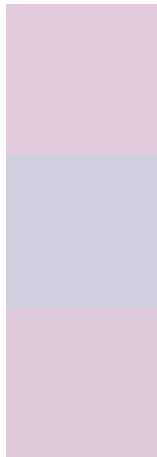


This preview shows how white text looks on a background with the Yxy color 63.2557, 0.3167, 0.3093.

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

63.2557, 0.3167, 0.3093

Protanopia

63.3633, 0.3025, 0.3109

Deuteranopia

63.0963, 0.3159, 0.3092



Tritanopia

63.1503, 0.3181, 0.3114

Trichromacy



Original Color

63.2557, 0.3167, 0.3093

Protanomaly

63.2327, 0.3076, 0.3100

Deuteranomaly

63.0963, 0.3159, 0.3092

Tritanomaly

63.2028, 0.3174, 0.3103

Monochromacy



Original Color

63.2557, 0.3167, 0.3093

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5657, 0.3145, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2557, 0.3167, 0.3093 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, 202, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 202, 220)  
}
```

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, 202, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 202, 220) }
```

Border

The CSS property to change the border of an element to Yxy 63.2557, 0.3167, 0.3093 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, 202, 220) }
```

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

```
.border{ border-color:rgb(224, 202, 220) }
```

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

Here you see how a box with a 4 pixel rgb(224, 202, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 202, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 202, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 202,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2557, 0.3167, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 202, 220) }
```

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

```
.background{ background-color: rgb(224,  
202, 220) }
```

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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