

Converting Colors

Yxy(65.2496, 0.3170, 0.3033)

Have a look what the booklet for
Yxy(65.2496, 0.3170, 0.3033)
contains.

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Color

Yxy(65.2468, 0.3170, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	E7CBE3
RGB	231, 203, 227
RGB Percent	91%, 80%, 89%
CMY	0.0938, 0.2040, 0.1097
CMYK	0.00, 0.12, 0.02, 0.09
HSL	309°, 37%, 85%
HSV	309°, 12%, 91%
XYZ	68.1940, 65.2468, 81.6822
YIQ	214.1080, 8.9840, 13.4000

Conversions

Conversions Part 2

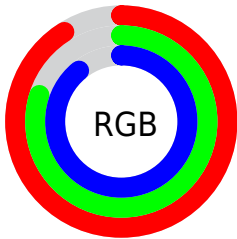
Format	Color
R _Y B	231, 203, 227
Decimal	15191011
CIE Lab	84.61, 13.95, -8.26
CIE LCh	85, 16.211, 329.368
Yxy	65.2468, 0.3170, 0.3033
Android (android.graphics.Color)	4293381091 (0xFFE7CBE3)
YUV	214.1080, 6.3558, 14.8143
Hunter-Lab	80.7755, 9.3399, -3.4127

Details

The Yxy color $65.2468, 0.3170, 0.3033$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.3915, 0.3087, 0.3561$, and the grayscale version is $67.2801, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.5874, 0.3172, 0.2970$ is the 20% darker color. If you saturate the color by 10%, you get $54.9560, 0.3211, 0.2815$, and if you desaturate by 10%, it is $77.1733, 0.3134, 0.3245$.

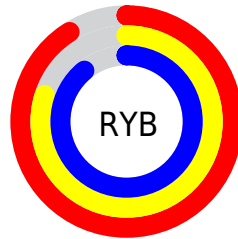
Distribution



Red (91%)

Green (80%)

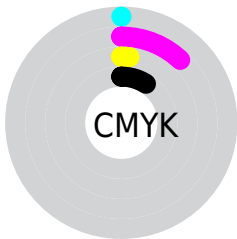
Blue (89%)



Red (91%)

Yellow (80%)

Blue (89%)

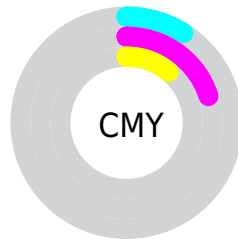


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (9%)



Cyan (9%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2468, 0.3170, 0.3033 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 65.2468, 0.3170, 0.3033 by changing the saturation by 10% instead.


 65.2468, 0.3170,
0.3033

 65.2468, 0.3170,
0.3033

443.6783, 0.3151,
0.3152

 47.6612, 0.3174,
0.3006


112.4046, 0.3164,
0.3074

 33.5587, 0.3179,
0.2972


142.7456, 0.3161,
0.3090

 22.5548, 0.3186,
0.2930


178.1073, 0.3159,
0.3104

 14.2651, 0.3193,
0.2874

218.8739, 0.3157,
0.3116

 8.3053, 0.3204,
0.2799

265.4299, 0.3155,
0.3127

 4.2909, 0.3218,
0.2690

318.1597, 0.3154,

 1.8376, 0.3237,

0.3136

0.2519

377.4477, 0.3152,
0.3144

0.5104, 0.3330,
0.2059

0.0000, 0.0000,
0.0000

65.2468, 0.3170,
0.3033

65.2468, 0.3170,
0.3033

54.9560, 0.3211,
0.2815

77.1733, 0.3134,
0.3245

46.2207, 0.3256,
0.2597

90.7942, 0.3103,
0.3448

38.9666, 0.3306,
0.2387

94.6364, 0.3082,
0.3471

33.1100, 0.3360,
0.2194

94.8333, 0.3063,
0.3437

28.5589, 0.3415,
0.2028

95.0338, 0.3044,
0.3403

25.2104, 0.3472,
0.1899

95.2380, 0.3026,
0.3369

22.9458, 0.3527,
0.1813

95.4459, 0.3007,
0.3336

21.6225, 0.3579,
0.1772

95.6575, 0.2989,
0.3302

21.0643, 0.3618,
0.1767

95.7406, 0.2982,
0.3290

Harmonies

Analogous

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



65.2468, 0.2969, 0.2958



65.2468, 0.3170, 0.3033



65.2468, 0.3365, 0.3171

Triad

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



65.2468, 0.3170, 0.3033



65.2468, 0.3444, 0.3619



65.2468, 0.2771, 0.3219

Complementary

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



65.2468, 0.3170, 0.3033



74.3915, 0.3087, 0.3561

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.



65.2468, 0.2890, 0.3409



65.2468, 0.3170, 0.3033



65.2468, 0.3278, 0.3646

Square

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



65.2468, 0.3170, 0.3033



65.2468, 0.3526, 0.3506



65.2468, 0.3075, 0.3569



65.2468, 0.2743, 0.3058

Rectangle

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



65.2468, 0.3170, 0.3033



65.2468, 0.3463, 0.3284



65.2468, 0.3075, 0.3569



65.2468, 0.2801, 0.3282

Sweetspot

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



65.2496, 0.3170, 0.3033



93.5694, 0.3141, 0.3206



61.7015, 0.2961, 0.2974



19.7770, 0.3143, 0.3191



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.



65.2496, 0.3170, 0.3033



77.6263, 0.3181, 0.2970



64.5211, 0.3270, 0.3179



14.5776, 0.3160, 0.3091



11.8151, 0.3610, 0.1762



0.8829, 0.3542, 0.1725

Inverse Universe

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



65.2496, 0.3170, 0.3033



77.6263, 0.3181, 0.2970



75.0930, 0.3003, 0.3404



14.5776, 0.3160, 0.3091



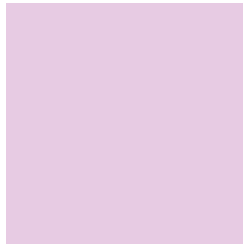
11.8151, 0.3610, 0.1762



0.8829, 0.3542, 0.1725

Previews

White Background



This preview shows how the Yxy color 65.2468, 0.3170, 0.3033 looks on a white background.

Color Contrast Check

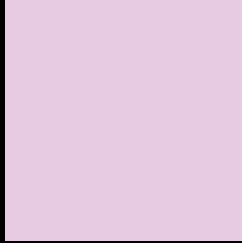
Large Text (above 18pt) WCAG AA × Fail

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 65.2468, 0.3170, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

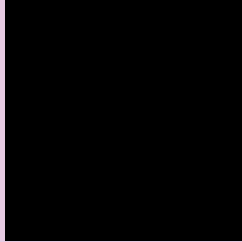
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2468, 0.3170, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 65.2468, 0.3170, 0.3033.



This preview shows how white text looks on a background with the Yxy color 65.2468, 0.3170, 0.3033.

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

65.2468, 0.3170, 0.3033

Protanopia

65.4180, 0.2979, 0.3056

Deuteranopia

65.2162, 0.3123, 0.3052



Tritanopia

65.1760, 0.3212, 0.3117

Trichromacy



Original Color

65.2468, 0.3170, 0.3033

Protanomaly

65.0905, 0.3043, 0.3037

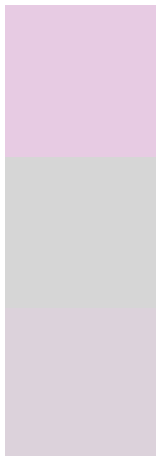
Deuteranomaly

65.0627, 0.3139, 0.3042

Tritanomaly

65.3364, 0.3190, 0.3086

Monochromacy



Original Color

65.2468, 0.3170, 0.3033

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4233, 0.3139, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2468, 0.3170, 0.3033 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(231, 203, 227)` looks like.

```
.text, #text, p{  
    color:rgb(231, 203, 227)  
}
```

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(231, 203, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 203, 227) }
```

Border

The CSS property to change the border of an element to Yxy 65.2468, 0.3170, 0.3033 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(231, 203, 227) }
```

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

```
.border{ border-color:rgb(231, 203, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 203, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 203, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 203, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 203,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2468, 0.3170, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 203, 227) }
```

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

```
.background{ background-color: rgb(231,  
203, 227) }
```

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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