

Converting Colors

$Y_{xy}(60.2090, 0.3113, 0.2782)$

Have a look what the booklet for
Yxy(60.2090, 0.3113, 0.2782)
contains.

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Color

Yxy(60.3236, 0.3112, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	E9BEEE
RGB	233, 190, 238
RGB Percent	91%, 75%, 93%
CMY	0.0862, 0.2549, 0.0667
CMYK	0.02, 0.20, 0.00, 0.07
HSL	294°, 59%, 84%
HSV	294°, 20%, 93%
XYZ	67.4549, 60.3236, 88.9789
YIQ	208.3290, 10.2200, 24.0440

Conversions

Conversions Part 2

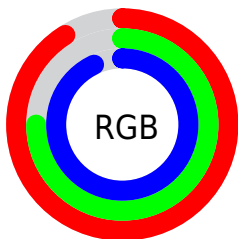
Format	Color
R _Y B	233, 190, 238
Decimal	15318766
CIE Lab	82.01, 23.52, -18.00
CIE LCh	82, 29.615, 322.580
Yxy	60.3236, 0.3112, 0.2783
Android (android.graphics.Color)	4293508846 (0xFFE9BEEE)
YUV	208.3290, 14.6278, 21.6365
Hunter-Lab	77.6683, 19.1078, -13.5565

Details

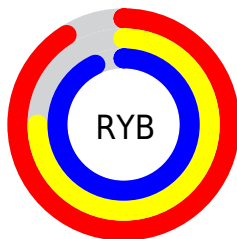
The Yxy color $60.3236, 0.3112, 0.2783$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $76.4683, 0.3134, 0.3842$, and the grayscale version is $63.2019, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $30.3328, 0.3105, 0.2662$ is the 20% darker color. If you saturate the color by 10%, you get $50.4315, 0.3100, 0.2525$, and if you desaturate by 10%, it is $71.9101, 0.3121, 0.3039$.

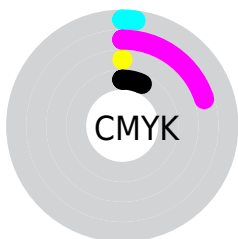
Distribution



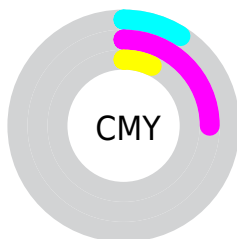
- Red (91%)
- Green (75%)
- Blue (93%)



- Red (91%)
- Yellow (75%)
- Blue (93%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)





- Cyan (9%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3236, 0.3112, 0.2783 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 60.3236, 0.3112, 0.2783 by changing the saturation by 10% instead.


 60.3236, 0.3112,
0.2783

 60.3236, 0.3112,
0.2783

425.7895, 0.3123,
0.3016

 43.6795, 0.3108,
0.2730

 105.2989, 0.3117,
0.2863

 30.4186, 0.3104,
0.2666


134.3990, 0.3118,
0.2895

 20.1566, 0.3097,
0.2585


168.4198, 0.3120,
0.2922

 12.5089, 0.3086,
0.2479

207.7458, 0.3121,
0.2945

 7.0913, 0.3069,
0.2338

252.7614, 0.3121,
0.2966

 3.5192, 0.3040,
0.2139

303.8510, 0.3122,

 1.4084, 0.2982,

0.2984

0.1839

361.3989, 0.3123,
0.3001

0.2229, 0.3005,
0.0852

0.0000, 0.0000,
0.0000

60.3236, 0.3112,
0.2783

60.3236, 0.3112,
0.2783

50.4315, 0.3100,
0.2525

71.9101, 0.3121,
0.3039

42.1444, 0.3085,
0.2274

85.2593, 0.3127,
0.3286

35.3764, 0.3067,
0.2039

96.2942, 0.3134,
0.3458

30.0306, 0.3046,
0.1830

96.7307, 0.3150,
0.3458

■ 25.9989, 0.3023,
0.1658

■ 97.1731, 0.3165,
0.3457

■ 23.1573, 0.2998,
0.1528

■ 97.6214, 0.3181,
0.3456

■ 21.3587, 0.2971,
0.1443

■ 98.0756, 0.3196,
0.3455

■ 20.3634, 0.2945,
0.1396

■ 98.5359, 0.3212,
0.3454

■ 98.9532, 0.3226,
0.3454

Harmonies

Analogous

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



60.3236, 0.2754, 0.2676



60.3236, 0.3112, 0.2783



60.3236, 0.3495, 0.3006

Triad

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



60.3236, 0.3112, 0.2783



60.3236, 0.3769, 0.3860



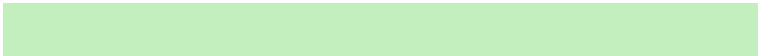
60.3236, 0.2507, 0.3224

Complementary

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



60.3236, 0.3112, 0.2783



76.4683, 0.3134, 0.3842

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.



60.3236, 0.2752, 0.3594



60.3236, 0.3112, 0.2783



60.3236, 0.3479, 0.3973

Square

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



60.3236, 0.3112, 0.2783



60.3236, 0.3886, 0.3608



60.3236, 0.3106, 0.3880



60.3236, 0.2422, 0.2904

Rectangle

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



60.3236, 0.3112, 0.2783



60.3236, 0.3706, 0.3197



60.3236, 0.3106, 0.3880



60.3236, 0.2573, 0.3348

Sweetspot

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



60.3262, 0.3112, 0.2783



90.3237, 0.3124, 0.3143



56.4192, 0.2794, 0.2799



19.1174, 0.3123, 0.3126



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.



60.3262, 0.3112, 0.2783



65.7894, 0.3108, 0.2682



60.1500, 0.3290, 0.2974



15.9432, 0.3121, 0.3056



11.3939, 0.2949, 0.1398



0.9716, 0.2985, 0.1418

Inverse Universe

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



58.9431, 0.3488, 0.3237



63.9319, 0.3579, 0.3226



76.6717, 0.2993, 0.3628



15.7855, 0.3277, 0.3266



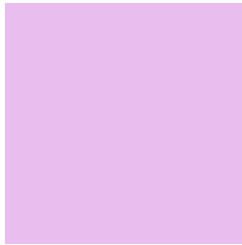
10.1882, 0.6278, 0.3232



0.8564, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 60.3236, 0.3112, 0.2783 looks on a white background.

Color Contrast Check

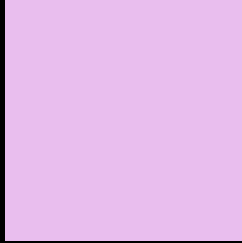
Large Text (above 18pt) WCAG AA × Fail

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 60.3236, 0.3112, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

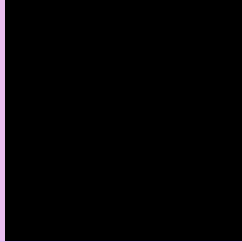
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3236, 0.3112, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 60.3236, 0.3112, 0.2783.



This preview shows how white text looks on a background with the Yxy color 60.3236, 0.3112, 0.2783.

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

60.3236, 0.3112, 0.2783

Protanopia

60.4970, 0.2784, 0.2795

Deuteranopia

60.4583, 0.2944, 0.2878



Tritanopia

60.3414, 0.3287, 0.3125

Trichromacy



Original Color

60.3236, 0.3112, 0.2783

Protanomaly

60.4145, 0.2898, 0.2794

Deuteranomaly

60.4997, 0.3004, 0.2842

Tritanomaly

60.1302, 0.3220, 0.2997

Monochromacy



Original Color

60.3236, 0.3112, 0.2783

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.6395, 0.3121, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3236, 0.3112, 0.2783 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(233, 190, 238)` looks like.

```
.text, #text, p{  
    color:rgb(233, 190, 238)  
}
```

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(233, 190, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 190, 238) }
```

Border

The CSS property to change the border of an element to Yxy 60.3236, 0.3112, 0.2783 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(233, 190, 238) }
```

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

```
.border{ border-color:rgb(233, 190, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 190, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 190, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 190, 238);  
box-shadow:4px 4px 4px 4px rgb(233, 190,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3236, 0.3112, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 190, 238) }
```

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

```
.background{ background-color: rgb(233,  
190, 238) }
```

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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