

Converting Colors

Yxy(62.3186, 0.3162, 0.2879)

Have a look what the booklet for
Yxy(62.3186, 0.3162, 0.2879)
contains.

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Color

Yxy(62.1289, 0.3162, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	EBC2E9
RGB	235, 194, 233
RGB Percent	92%, 76%, 91%
CMY	0.0784, 0.2392, 0.0863
CMYK	0.00, 0.17, 0.01, 0.08
HSL	303°, 51%, 84%
HSV	303°, 17%, 92%
XYZ	68.2598, 62.1289, 85.4866
YIQ	210.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

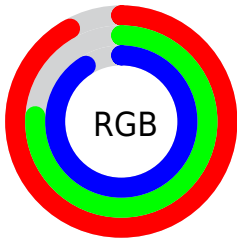
Format	Color
R _Y B	235, 194, 233
Decimal	15450857
CIE Lab	82.98, 21.11, -13.85
CIE LCh	83, 25.250, 326.742
Yxy	62.1289, 0.3162, 0.2878
Android (android.graphics.Color)	4293640937 (0xFFEBC2E9)
YUV	210.7050, 10.9914, 21.3067
Hunter-Lab	78.8219, 16.6427, -9.1279

Details

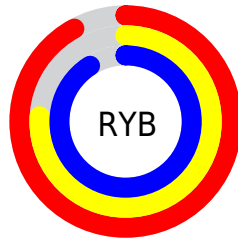
The Yxy color $62.1289, 0.3162, 0.2878$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $74.8706, 0.3093, 0.3740$, and the grayscale version is $64.8584, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $31.5142, 0.3172, 0.2784$ is the 20% darker color. If you saturate the color by 10%, you get $52.4198, 0.3184, 0.2638$, and if you desaturate by 10%, it is $73.4978, 0.3141, 0.3117$.

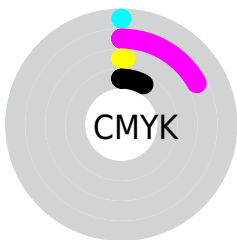
Distribution



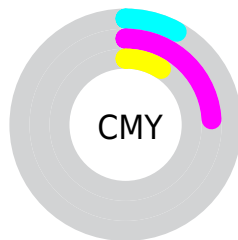
- Red (92%)
- Green (76%)
- Blue (91%)



- Red (92%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1289, 0.3162, 0.2878 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 62.1289, 0.3162, 0.2878 by changing the saturation by 10% instead.


 62.1289, 0.3162,
0.2878

 62.1289, 0.3162,
0.2878


432.4011, 0.3148,
0.3068

 45.1369, 0.3165,
0.2835

 107.9118, 0.3158,
0.2944

 31.5652, 0.3167,
0.2782


137.4715, 0.3156,
0.2969

 21.0296, 0.3171,
0.2715


171.9891, 0.3154,
0.2991

 13.1457, 0.3174,
0.2629

211.8492, 0.3153,
0.3010

 7.5289, 0.3177,
0.2511

257.4360, 0.3152,
0.3027

 3.7950, 0.3178,
0.2344


309.1340, 0.3150,

 1.5596, 0.3172,


0.3042


0.2089

367.3276, 0.3149,
0.3056

 0.3301, 0.3272,
0.1303


 0.0000, 0.0000,
0.0000

 62.1289, 0.3162,
0.2878


 62.1289, 0.3162,
0.2878


 52.4198, 0.3184,
0.2638


 73.4978, 0.3141,
0.3117

 44.2849, 0.3207,
0.2404


 86.5908, 0.3123,
0.3348

 37.6431, 0.3231,
0.2187


 95.2629, 0.3110,
0.3476

 32.4029, 0.3255,
0.1994


 95.3297, 0.3103,
0.3464

 28.4628, 0.3278,
0.1837


 95.3970, 0.3097,
0.3453


 25.7076, 0.3298,
0.1721


 95.4646, 0.3090,
0.3441

 24.0019, 0.3317,
0.1648

 95.5327, 0.3084,
0.3429

 23.1663, 0.3333,
0.1617

 95.6013, 0.3077,
0.3418

 23.0200, 0.3337,
0.1612

 95.6702, 0.3071,
0.3406

Harmonies

Analogous

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



62.1289, 0.2850, 0.2771



62.1289, 0.3162, 0.2878



62.1289, 0.3479, 0.3081

Triad

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



62.1289, 0.3162, 0.2878



62.1289, 0.3645, 0.3796



62.1289, 0.2581, 0.3196

Complementary

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



62.1289, 0.3162, 0.2878



74.8706, 0.3093, 0.3740

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.



62.1289, 0.2775, 0.3505



62.1289, 0.3162, 0.2878



62.1289, 0.3387, 0.3864

Square

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



62.1289, 0.3162, 0.2878



62.1289, 0.3765, 0.3599



62.1289, 0.3067, 0.3758



62.1289, 0.2528, 0.2936

Rectangle

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



62.1289, 0.3162, 0.2878



62.1289, 0.3645, 0.3250



62.1289, 0.3067, 0.3758



62.1289, 0.2632, 0.3298

Sweetspot

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



62.1316, 0.3162, 0.2878



92.0933, 0.3137, 0.3174



56.2365, 0.2851, 0.2818



19.4830, 0.3138, 0.3157



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.



62.1316, 0.3162, 0.2878



70.2968, 0.3170, 0.2790



61.0592, 0.3312, 0.3084



15.3004, 0.3145, 0.3069



12.8177, 0.3335, 0.1611



1.0104, 0.3316, 0.1600

Inverse Universe

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



62.1316, 0.3162, 0.2878



70.2968, 0.3170, 0.2790



75.8361, 0.2974, 0.3506



15.3004, 0.3145, 0.3069



12.8177, 0.3335, 0.1611



1.0104, 0.3316, 0.1600

Previews

White Background



This preview shows how the Yxy color 62.1289, 0.3162, 0.2878 looks on a white background.

Color Contrast Check

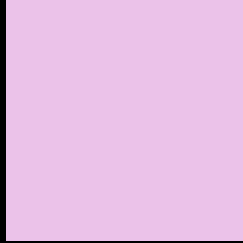
Large Text (above 18pt) WCAG AA × Fail

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 62.1289, 0.3162, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

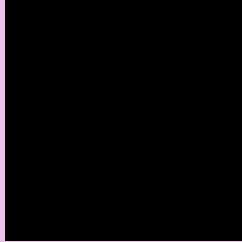
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1289, 0.3162, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 62.1289, 0.3162, 0.2878.



This preview shows how white text looks on a background with the Yxy color 62.1289, 0.3162, 0.2878.

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

62.1289, 0.3162, 0.2878

Protanopia

62.2333, 0.2857, 0.2897

Deuteranopia

62.0466, 0.3016, 0.2948



Tritanopia

61.8924, 0.3286, 0.3116

Trichromacy



Original Color

62.1289, 0.3162, 0.2878

Protanomaly

62.0338, 0.2967, 0.2894

Deuteranomaly

61.7440, 0.3068, 0.2920

Tritanomaly

61.9708, 0.3242, 0.3032

Monochromacy



Original Color

62.1289, 0.3162, 0.2878

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.9928, 0.3142, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1289, 0.3162, 0.2878 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(235, 194, 233)` looks like.

```
.text, #text, p{  
    color:rgb(235, 194, 233)  
}
```

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(235, 194, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 194, 233) }
```

Border

The CSS property to change the border of an element to Yxy 62.1289, 0.3162, 0.2878 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(235, 194, 233) }
```

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

```
.border{ border-color:rgb(235, 194, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 194, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 194, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 194, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 194,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1289, 0.3162, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 194, 233) }
```

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

```
.background{ background-color: rgb(235,  
194, 233) }
```

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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