

Converting Colors

$Yxy(62.3628, 0.3077, 0.2786)$

Have a look what the booklet for
Yxy(62.3628, 0.3077, 0.2786)
contains.

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Color

Yxy(62.3180, 0.3082, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	E9C2F2
RGB	233, 194, 242
RGB Percent	91%, 76%, 95%
CMY	0.0863, 0.2391, 0.0511
CMYK	0.04, 0.20, 0.00, 0.05
HSL	289°, 65%, 85%
HSV	289°, 20%, 95%
XYZ	68.9143, 62.3180, 92.3702
YIQ	211.1330, 7.8360, 23.1960

Conversions

Conversions Part 2

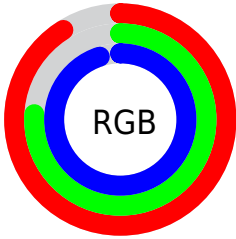
Format	Color
R _Y B	233, 194, 242
Decimal	15319794
CIE Lab	83.08, 22.11, -18.50
CIE LCh	83, 28.827, 320.079
Yxy	62.3180, 0.3082, 0.2787
Android (android.graphics.Color)	4293509874 (0xFFE9C2F2)
YUV	211.1330, 15.2174, 19.1774
Hunter-Lab	78.9418, 17.6782, -14.1163

Details

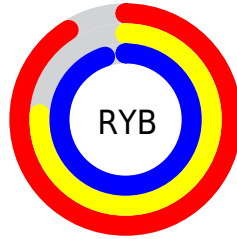
The Yxy color $62.3180, 0.3082, 0.2787$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $80.0733, 0.3160, 0.3828$, and the grayscale version is $65.1275, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $31.6484, 0.3065, 0.2667$ is the 20% darker color. If you saturate the color by 10%, you get $51.6591, 0.3052, 0.2522$, and if you desaturate by 10%, it is $74.7553, 0.3107, 0.3046$.

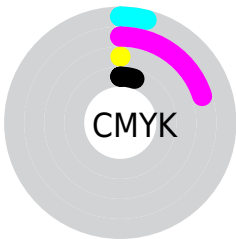
Distribution



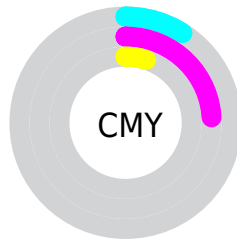
- Red (91%)
- Green (76%)
- Blue (95%)



- Red (91%)
- Yellow (76%)
- Blue (95%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)





- Cyan (9%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3180, 0.3082, 0.2787 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 62.3180, 0.3082, 0.2787 by changing the saturation by 10% instead.

 62.3180, 0.3082,
0.2787

 62.3180, 0.3082,
0.2787


433.0901, 0.3107,
0.3017

 45.2897, 0.3075,
0.2735


 108.1850, 0.3091,
0.2866

 31.6857, 0.3067,
0.2672


137.7925, 0.3095,
0.2897

 21.1215, 0.3055,
0.2592


172.3618, 0.3098,
0.2924

 13.2129, 0.3038,
0.2490

212.2774, 0.3100,
0.2947

 7.5753, 0.3013,
0.2352

257.9236, 0.3102,
0.2968

 3.8244, 0.2972,
0.2160

309.6849, 0.3104,

 1.5758, 0.2897,

0.2986

0.1872

367.9456, 0.3106,
0.3002

0.3412, 0.2830,
0.1117

0.0000, 0.0000,
0.0000

62.3180, 0.3082,
0.2787

62.3180, 0.3082,
0.2787

51.6591, 0.3052,
0.2522

74.7553, 0.3107,
0.3046

42.6858, 0.3016,
0.2260

89.0421, 0.3127,
0.3294

35.3087, 0.2975,
0.2011

97.6258, 0.3150,
0.3417

29.4271, 0.2930,
0.1785

98.4577, 0.3178,
0.3416

■ 24.9287, 0.2882,
0.1594

■ 99.1885, 0.3203,
0.3415

■ 21.6851, 0.2832,
0.1445

■ 19.5437, 0.2782,
0.1342

■ 18.2535, 0.2732,
0.1279

■ 18.2325, 0.2731,
0.1278

Harmonies

Analogous

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



62.3180, 0.2743, 0.2695



62.3180, 0.3082, 0.2787



62.3180, 0.3452, 0.2994

Triad

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



62.3180, 0.3082, 0.2787



62.3180, 0.3763, 0.3824



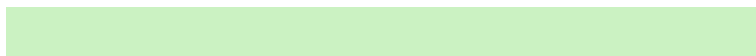
62.3180, 0.2544, 0.3257

Complementary

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



62.3180, 0.3082, 0.2787



80.0733, 0.3160, 0.3828

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.



62.3180, 0.2792, 0.3610



62.3180, 0.3082, 0.2787



62.3180, 0.3495, 0.3945

Square

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



62.3180, 0.3082, 0.2787



62.3180, 0.3858, 0.3574



62.3180, 0.3138, 0.3872



62.3180, 0.2447, 0.2940

Rectangle

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



62.3180, 0.3082, 0.2787



62.3180, 0.3662, 0.3177



62.3180, 0.3138, 0.3872



62.3180, 0.2611, 0.3377

Sweetspot

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



62.3207, 0.3082, 0.2787



90.0844, 0.3115, 0.3142



60.8787, 0.2803, 0.2855



19.0607, 0.3114, 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.



62.3207, 0.3082, 0.2787



64.8656, 0.3070, 0.2675



63.0397, 0.3257, 0.2939



15.8731, 0.3108, 0.3055



9.8544, 0.2739, 0.1283



0.8580, 0.2805, 0.1319

Inverse Universe

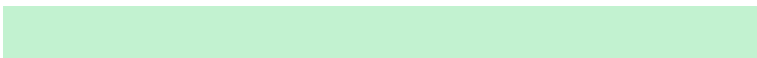
The Inverse Universe completely reimagines the original color for something new.



61.7732, 0.3448, 0.3195



64.1749, 0.3537, 0.3173



79.5272, 0.3018, 0.3668



15.8072, 0.3264, 0.3246



10.2587, 0.6107, 0.3138



0.8667, 0.5761, 0.2947

Previews

White Background



This preview shows how the Yxy color 62.3180, 0.3082, 0.2787 looks on a white background.

Color Contrast Check

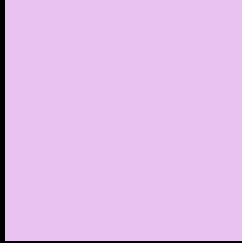
Large Text (above 18pt) WCAG AA × Fail

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 62.3180, 0.3082, 0.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

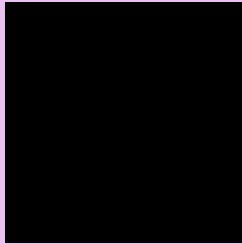
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3180, 0.3082, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 62.3180, 0.3082, 0.2787.



This preview shows how white text looks on a background with the Yxy color 62.3180, 0.3082, 0.2787.

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

62.3180, 0.3082, 0.2787

Protanopia

62.5705, 0.2782, 0.2791

Deuteranopia

62.3812, 0.2933, 0.2872



Tritanopia

62.3599, 0.3252, 0.3126

Trichromacy



Original Color

62.3180, 0.3082, 0.2787

Protanomaly

62.3376, 0.2888, 0.2789

Deuteranomaly

62.2578, 0.2984, 0.2836

Tritanomaly

62.1373, 0.3188, 0.2999

Monochromacy



Original Color

62.3180, 0.3082, 0.2787

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.9966, 0.3113, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3180, 0.3082, 0.2787 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, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 242)  
}
```

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, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 242) }
```

Border

The CSS property to change the border of an element to Yxy 62.3180, 0.3082, 0.2787 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, 194, 242) }
```

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

```
.border{ border-color:rgb(233, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(233, 194,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3180, 0.3082, 0.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 242) }
```

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

```
.background{ background-color: rgb(233,  
194, 242) }
```

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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