

Converting Colors

Yxy(62.6806, 0.3091, 0.2933)

Have a look what the booklet for
Yxy(62.6806, 0.3091, 0.2933)
contains.

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Color

Yxy(62.6806, 0.3091, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	E1C7E8
RGB	225, 199, 232
RGB Percent	88%, 78%, 91%
CMY	0.1174, 0.2197, 0.0901
CMYK	0.03, 0.14, 0.00, 0.09
HSL	287°, 42%, 85%
HSV	287°, 14%, 91%
XYZ	66.0572, 62.6806, 84.9704
YIQ	210.5360, 4.9030, 15.7750

Conversions

Conversions Part 2

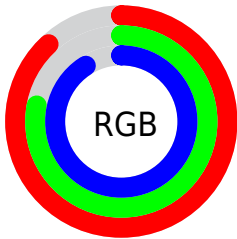
Format	Color
R _Y B	225, 199, 232
Decimal	14796776
CIE Lab	83.27, 14.99, -12.97
CIE LCh	83, 19.820, 319.122
Yxy	62.6806, 0.3091, 0.2933
Android (android.graphics.Color)	4292986856 (0xFFE1C7E8)
YUV	210.5360, 10.5818, 12.6849
Hunter-Lab	79.1711, 10.3839, -8.2132

Details

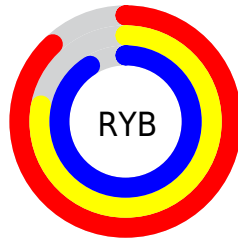
The Yxy color $62.6806, 0.3091, 0.2933$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $74.9548, 0.3157, 0.3663$, and the grayscale version is $64.7525, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.9314, 0.3087, 0.2854$ is the 20% darker color. If you saturate the color by 10%, you get $52.0364, 0.3059, 0.2670$, and if you desaturate by 10%, it is $74.9802, 0.3118, 0.3187$.

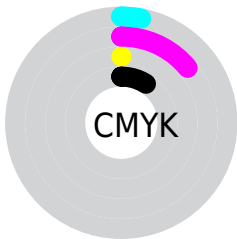
Distribution



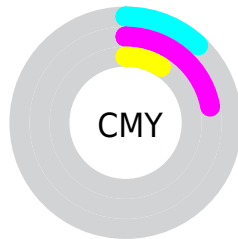
- Red (88%)
- Green (78%)
- Blue (91%)



- Red (88%)
- Yellow (78%)
- Blue (91%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6806, 0.3091, 0.2933 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 62.6806, 0.3091, 0.2933 by changing the saturation by 10% instead.

62.6806, 0.3091,
0.2933

62.6806, 0.3091,
0.2933

434.4094, 0.3110,
0.3098

45.5829, 0.3086,
0.2895

108.7086, 0.3098,
0.2990

31.9168, 0.3080,
0.2849

138.4076, 0.3101,
0.3013

21.2979, 0.3071,
0.2790

173.0759, 0.3103,
0.3032

13.3420, 0.3059,
0.2713

213.0978, 0.3105,
0.3048

7.6644, 0.3042,
0.2608

258.8577, 0.3106,
0.3063

3.8810, 0.3014,
0.2458

310.7400, 0.3108,

1.6072, 0.2962,

0.3076

0.2225

369.1291, 0.3109,
0.3088

0.3625, 0.2941,
0.1501

0.0000, 0.0000,
0.0000

62.6806, 0.3091,
0.2933

62.6806, 0.3091,
0.2933

52.0364, 0.3059,
0.2670

74.9802, 0.3118,
0.3187

42.9658, 0.3021,
0.2403

88.9961, 0.3139,
0.3426

35.3922, 0.2977,
0.2143

95.8203, 0.3164,
0.3519

29.2295, 0.2928,
0.1899

96.6842, 0.3195,
0.3517

■ 24.3823, 0.2875,
0.1683

■ 97.5712, 0.3226,
0.3515

■ 20.7438, 0.2819,
0.1504

■ 98.4815, 0.3257,
0.3513

■ 18.1898, 0.2762,
0.1370

■ 98.6070, 0.3262,
0.3512

■ 16.5689, 0.2706,
0.1282

■ 15.9229, 0.2674,
0.1247

Harmonies

Analogous

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



62.6806, 0.2857, 0.2873



62.6806, 0.3091, 0.2933



62.6806, 0.3344, 0.3079

Triad

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



62.6806, 0.3091, 0.2933



62.6806, 0.3569, 0.3658



62.6806, 0.2726, 0.3280

Complementary

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



62.6806, 0.3091, 0.2933



74.9548, 0.3157, 0.3663

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.



62.6806, 0.2905, 0.3514



62.6806, 0.3091, 0.2933



62.6806, 0.3391, 0.3736

Square

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



62.6806, 0.3091, 0.2933



62.6806, 0.3626, 0.3488



62.6806, 0.3147, 0.3685



62.6806, 0.2652, 0.3061

Rectangle

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



62.6806, 0.3091, 0.2933



62.6806, 0.3487, 0.3208



62.6806, 0.3147, 0.3685



62.6806, 0.2775, 0.3360

Sweetspot

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



62.6833, 0.3091, 0.2933



93.2594, 0.3118, 0.3192



62.1752, 0.2901, 0.2995



19.6983, 0.3116, 0.3173



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.



62.6833, 0.3091, 0.2933



73.7043, 0.3082, 0.2859



63.3050, 0.3212, 0.3036



14.4543, 0.3104, 0.3056



8.8946, 0.2683, 0.1252



0.6957, 0.2764, 0.1296

Inverse Universe

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



62.4485, 0.3337, 0.3215



73.3801, 0.3388, 0.3199



74.4313, 0.3052, 0.3559



14.4173, 0.3259, 0.3241



9.6612, 0.6042, 0.3102



0.7273, 0.5640, 0.2881

Previews

White Background



This preview shows how the Yxy color 62.6806, 0.3091, 0.2933 looks on a white background.

Color Contrast Check

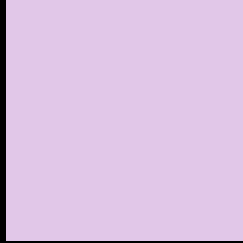
Large Text (above 18pt) WCAG AA × Fail

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 62.6806, 0.3091, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

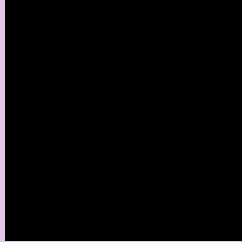
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6806, 0.3091, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 62.6806, 0.3091, 0.2933.



This preview shows how white text looks on a background with the Yxy color 62.6806, 0.3091, 0.2933.

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

62.6806, 0.3091, 0.2933

Protanopia

62.9535, 0.2897, 0.2943

Deuteranopia

62.7623, 0.3037, 0.2971



Tritanopia

62.4710, 0.3182, 0.3113

Trichromacy



Original Color

62.6806, 0.3091, 0.2933

Protanomaly

62.5589, 0.2966, 0.2935

Deuteranomaly

62.7585, 0.3060, 0.2962

Tritanomaly

62.4298, 0.3154, 0.3049

Monochromacy



Original Color

62.6806, 0.3091, 0.2933

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3391, 0.3111, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6806, 0.3091, 0.2933 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(225, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 232)  
}
```

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(225, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 232) }
```

Border

The CSS property to change the border of an element to Yxy 62.6806, 0.3091, 0.2933 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(225, 199, 232) }
```

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

```
.border{ border-color:rgb(225, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6806, 0.3091, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 232) }
```

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

```
.background{ background-color: rgb(225,  
199, 232) }
```

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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