

Converting Colors

Yxy(62.2242, 0.3127, 0.2992)

Have a look what the booklet for
Yxy(62.2242, 0.3127, 0.2992)
contains.

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Color

Yxy(62.1851, 0.3126, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	E0C7E2
RGB	224, 199, 226
RGB Percent	88%, 78%, 89%
CMY	0.1213, 0.2197, 0.1137
CMYK	0.01, 0.12, 0.00, 0.11
HSL	296°, 32%, 83%
HSV	296°, 12%, 89%
XYZ	64.9050, 62.1851, 80.5396
YIQ	209.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

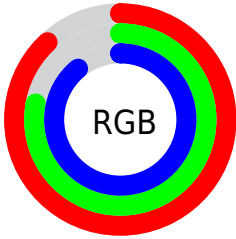
Format	Color
R _Y B	224, 199, 226
Decimal	14731234
CIE Lab	83.01, 13.53, -10.17
CIE LCh	83, 16.921, 323.074
Yxy	62.1851, 0.3126, 0.2995
Android (android.graphics.Color)	4292921314 (0xFFE0C7E2)
YUV	209.5530, 8.1084, 12.6700
Hunter-Lab	78.8575, 8.9168, -5.3544

Details

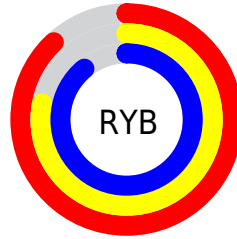
The Yxy color $62.1851, 0.3126, 0.2995$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $70.9296, 0.3126, 0.3601$, and the grayscale version is $64.0890, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.6261, 0.3124, 0.2920$ is the 20% darker color. If you saturate the color by 10%, you get $52.2896, 0.3123, 0.2741$, and if you desaturate by 10%, it is $73.6330, 0.3127, 0.3243$.

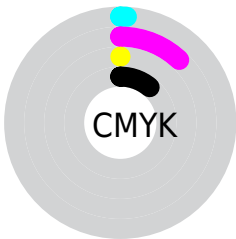
Distribution



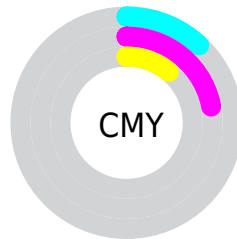
- Red (88%)
- Green (78%)
- Blue (89%)



- Red (88%)
- Yellow (78%)
- Blue (89%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1851, 0.3126, 0.2995 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 62.1851, 0.3126, 0.2995 by changing the saturation by 10% instead.


 62.1851, 0.3126,
0.2995

 62.1851, 0.3126,
0.2995

432.6060, 0.3128,
0.3132

 45.1823, 0.3125,
0.2963


107.9930, 0.3127,
0.3043

 31.6010, 0.3124,
0.2924


137.5669, 0.3127,
0.3061

 21.0569, 0.3122,
0.2875


172.0999, 0.3127,
0.3077

 13.1656, 0.3120,
0.2810

211.9765, 0.3128,
0.3091

 7.5427, 0.3115,
0.2720

257.5810, 0.3128,
0.3103

 3.8038, 0.3106,
0.2591


309.2978, 0.3128,

 1.5644, 0.3087,


0.3114


0.2387


367.5113, 0.3128,
0.3124


 0.3334, 0.3144,
0.1620


 0.0000, 0.0000,
0.0000


 62.1851, 0.3126,
0.2995

 62.1851, 0.3126,
0.2995

 52.2896, 0.3123,
0.2741


 73.6330, 0.3127,
0.3243


 43.8705, 0.3118,
0.2487

 86.6888, 0.3127,
0.3479

 36.8577, 0.3111,
0.2242

 93.6623, 0.3132,
0.3586

 31.1720, 0.3101,
0.2017

 93.9321, 0.3142,
0.3585

■ 26.7265, 0.3089,
0.1821

■ 94.2044, 0.3152,
0.3584

■ 23.4239, 0.3074,
0.1662

■ 94.4793, 0.3162,
0.3583

■ 21.1525, 0.3058,
0.1546

■ 94.7568, 0.3173,
0.3583

■ 19.7779, 0.3041,
0.1474

■ 95.0368, 0.3183,
0.3582

■ 19.1463, 0.3026,
0.1441

■ 95.3193, 0.3193,
0.3581

Harmonies

Analogous

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



62.1851, 0.2919, 0.2932



62.1851, 0.3126, 0.2995



62.1851, 0.3340, 0.3129

Triad

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



62.1851, 0.3126, 0.2995



62.1851, 0.3491, 0.3620



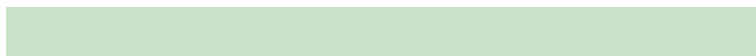
62.1851, 0.2769, 0.3256

Complementary

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



62.1851, 0.3126, 0.2995



70.9296, 0.3126, 0.3601

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.



62.1851, 0.2913, 0.3457



62.1851, 0.3126, 0.2995



62.1851, 0.3329, 0.3671

Square

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



62.1851, 0.3126, 0.2995



62.1851, 0.3554, 0.3484



62.1851, 0.3117, 0.3612



62.1851, 0.2718, 0.3074

Rectangle

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



62.1851, 0.3126, 0.2995



62.1851, 0.3455, 0.3245



62.1851, 0.3117, 0.3612



62.1851, 0.2807, 0.3324

Sweetspot

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



62.1878, 0.3126, 0.2995



93.5244, 0.3127, 0.3192



59.5154, 0.2939, 0.3004



19.7656, 0.3127, 0.3174



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.



62.1878, 0.3126, 0.2995



78.8138, 0.3126, 0.2941



61.9036, 0.3223, 0.3117



13.8826, 0.3126, 0.3058



10.9443, 0.3029, 0.1442



0.7739, 0.3059, 0.1459

Inverse Universe

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



61.2243, 0.3327, 0.3269



77.3472, 0.3369, 0.3265



71.2034, 0.3041, 0.3470



13.7165, 0.3281, 0.3273



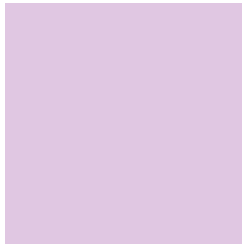
9.2526, 0.6319, 0.3255



0.6470, 0.6097, 0.3133

Previews

White Background



This preview shows how the Yxy color 62.1851, 0.3126, 0.2995 looks on a white background.

Color Contrast Check

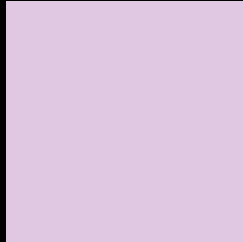
Large Text (above 18pt) WCAG AA × Fail

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 62.1851, 0.3126, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

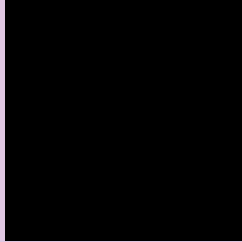
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1851, 0.3126, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 62.1851, 0.3126, 0.2995.



This preview shows how white text looks on a background with the Yxy color 62.1851, 0.3126, 0.2995.

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

62.1851, 0.3126, 0.2995

Protanopia

62.2132, 0.2949, 0.3007

Deuteranopia

62.1697, 0.3079, 0.3014



Tritanopia

62.4191, 0.3189, 0.3124

Trichromacy



Original Color

62.1851, 0.3126, 0.2995

Protanomaly

62.2179, 0.3006, 0.2999

Deuteranomaly

62.0152, 0.3095, 0.3004

Tritanomaly

62.1638, 0.3161, 0.3070

Monochromacy



Original Color

62.1851, 0.3126, 0.2995

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.5476, 0.3125, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1851, 0.3126, 0.2995 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(224, 199, 226)` looks like.

```
.text, #text, p{  
    color:rgb(224, 199, 226)  
}
```

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(224, 199, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 199, 226) }
```

Border

The CSS property to change the border of an element to Yxy 62.1851, 0.3126, 0.2995 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(224, 199, 226) }
```

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

```
.border{ border-color:rgb(224, 199, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 199, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 199, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 199, 226); box-shadow:4px 4px 4px 4px rgb(224, 199, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1851, 0.3126, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 199, 226) }
```

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

```
.background{ background-color: rgb(224,  
199, 226) }
```

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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