

Converting Colors

Yxy(62.6688, 0.3142, 0.2987)

Have a look what the booklet for
Yxy(62.6688, 0.3142, 0.2987)
contains.

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Color

Yxy(62.7238, 0.3141, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	E3C7E3
RGB	227, 199, 227
RGB Percent	89%, 78%, 89%
CMY	0.1100, 0.2195, 0.1098
CMYK	0.00, 0.12, 0.00, 0.11
HSL	300°, 33%, 84%
HSV	300°, 12%, 89%
XYZ	65.9576, 62.7238, 81.3079
YIQ	210.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

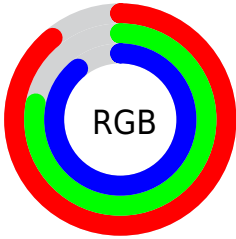
Format	Color
R_{YB}	227, 199, 227
Decimal	14927843
CIE Lab	83.30, 14.67, -10.25
CIE LCh	83, 17.891, 325.056
Yxy	62.7238, 0.3141, 0.2987
Android (android.graphics.Color)	4293117923 (0xFFE3C7E3)
YUV	210.5640, 8.1029, 14.4144
Hunter-Lab	79.1984, 10.0605, -5.4304

Details

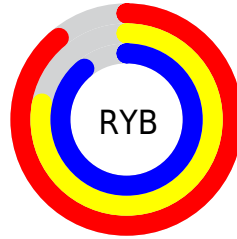
The Yxy color $62.7238, 0.3141, 0.2987$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $71.2180, 0.3112, 0.3613$, and the grayscale version is $64.7798, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8873, 0.3135, 0.2909$ is the 20% darker color. If you saturate the color by 10%, you get $53.0401, 0.3152, 0.2736$, and if you desaturate by 10%, it is $73.9712, 0.3130, 0.3234$.

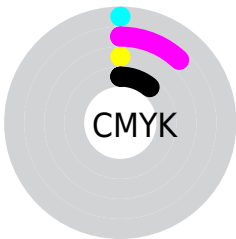
Distribution



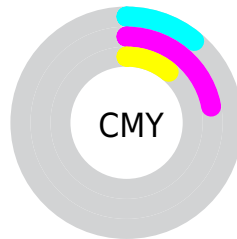
- Red (89%)
- Green (78%)
- Blue (89%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7238, 0.3141, 0.2987 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 62.7238, 0.3141, 0.2987 by changing the saturation by 10% instead.

 62.7238, 0.3141,
0.2987

 62.7238, 0.3141,
0.2987


434.5664, 0.3136,
0.3128

 45.6178, 0.3142,
0.2955

108.7709, 0.3139,
0.3036

 31.9443, 0.3143,
0.2915


138.4809, 0.3139,
0.3055

 21.3190, 0.3144,
0.2864


173.1609, 0.3138,
0.3071

 13.3574, 0.3144,
0.2798

213.1954, 0.3138,
0.3085

 7.6751, 0.3144,
0.2708

258.9689, 0.3137,
0.3098

 3.8878, 0.3142,
0.2577

310.8656, 0.3137,

 1.6110, 0.3134,

0.3109

0.2372

369.2699, 0.3136,
0.3119

0.3650, 0.3216,
0.1665

0.0000, 0.0000,
0.0000

62.7238, 0.3141,
0.2987

62.7238, 0.3141,
0.2987

53.0401, 0.3152,
0.2736

73.9712, 0.3130,
0.3234

44.8431, 0.3164,
0.2489


86.8386, 0.3119,
0.3471

38.0617, 0.3174,
0.2254

93.4099, 0.3114,
0.3577


32.6157, 0.3184,
0.2041

93.4164, 0.3114,
0.3577

 28.4169, 0.3192,
0.1860


 93.4228, 0.3115,
0.3577


 25.3665, 0.3198,
0.1718


 93.4293, 0.3115,
0.3577


 23.3508, 0.3202,
0.1618

 93.4357, 0.3115,
0.3577

 22.2329, 0.3204,
0.1561

 93.4422, 0.3115,
0.3577

 21.8141, 0.3205,
0.1539

 93.4486, 0.3116,
0.3577

Harmonies

Analogous

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



62.7238, 0.2921, 0.2915



62.7238, 0.3141, 0.2987



62.7238, 0.3365, 0.3132

Triad

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



62.7238, 0.3141, 0.2987



62.7238, 0.3502, 0.3645



62.7238, 0.2743, 0.3240

Complementary

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



62.7238, 0.3141, 0.2987



71.2180, 0.3112, 0.3613

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.



62.7238, 0.2889, 0.3453



62.7238, 0.3141, 0.2987



62.7238, 0.3326, 0.3692

Square

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



62.7238, 0.3141, 0.2987



62.7238, 0.3577, 0.3505



62.7238, 0.3101, 0.3622



62.7238, 0.2697, 0.3051

Rectangle

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



62.7238, 0.3141, 0.2987



62.7238, 0.3483, 0.3254



62.7238, 0.3101, 0.3622



62.7238, 0.2781, 0.3311

Sweetspot

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



62.7265, 0.3141, 0.2987



93.6605, 0.3132, 0.3192



58.7622, 0.2932, 0.2972



19.8002, 0.3132, 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.



62.7265, 0.3141, 0.2987



77.9643, 0.3144, 0.2918



62.0165, 0.3241, 0.3131



14.6139, 0.3138, 0.3058



12.7217, 0.3205, 0.1539



0.9405, 0.3206, 0.1540

Inverse Universe

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



61.3147, 0.3350, 0.3290



75.7571, 0.3409, 0.3290



71.8680, 0.3027, 0.3454



14.3684, 0.3292, 0.3290



9.5249, 0.6399, 0.3299



0.7040, 0.6393, 0.3296

Previews

White Background



This preview shows how the Yxy color 62.7238, 0.3141, 0.2987 looks on a white background.

Color Contrast Check

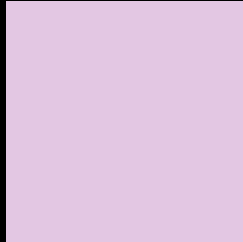
Large Text (above 18pt) WCAG AA × Fail

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 62.7238, 0.3141, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

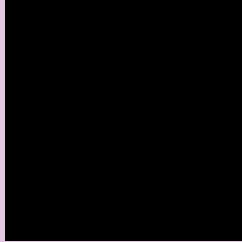
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7238, 0.3141, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 62.7238, 0.3141, 0.2987.



This preview shows how white text looks on a background with the Yxy color 62.7238, 0.3141, 0.2987.

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

62.7238, 0.3141, 0.2987

Protanopia

62.8062, 0.2936, 0.2997

Deuteranopia

62.7921, 0.3087, 0.3025



Tritanopia

62.7906, 0.3197, 0.3114

Trichromacy



Original Color

62.7238, 0.3141, 0.2987

Protanomaly

62.4221, 0.3007, 0.2989

Deuteranomaly

62.7939, 0.3110, 0.3016

Tritanomaly

62.6978, 0.3177, 0.3061

Monochromacy



Original Color

62.7238, 0.3141, 0.2987

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3871, 0.3132, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7238, 0.3141, 0.2987 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(227, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 199, 227)  
}
```

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(227, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 199, 227) }
```

Border

The CSS property to change the border of an element to Yxy 62.7238, 0.3141, 0.2987 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(227, 199, 227) }
```

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

```
.border{ border-color:rgb(227, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 199,  
227) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.7238, 0.3141, 0.2987$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 199, 227) }
```

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

```
.background{ background-color: rgb(227,  
199, 227) }
```

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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