

Converting Colors

$Yxy(60.5159, 0.3137, 0.2921)$

Have a look what the booklet for
Yxy(60.5159, 0.3137, 0.2921)
contains.

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Color

Yxy(60.5159, 0.3137, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	E3C2E4
RGB	227, 194, 228
RGB Percent	89%, 76%, 89%
CMY	0.1096, 0.2393, 0.1058
CMYK	0.00, 0.15, 0.00, 0.11
HSL	298°, 39%, 83%
HSV	298°, 15%, 89%
XYZ	64.9909, 60.5159, 81.6685
YIQ	207.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

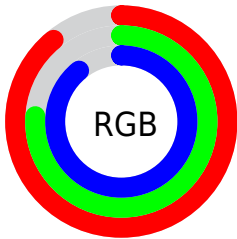
Format	Color
R _Y B	227, 194, 228
Decimal	14926564
CIE Lab	82.12, 17.57, -12.55
CIE LCh	82, 21.594, 324.472
Yxy	60.5159, 0.3137, 0.2921
Android (android.graphics.Color)	4293116644 (0xFFE3C2E4)
YUV	207.7430, 9.9867, 16.8884
Hunter-Lab	77.7920, 12.9909, -7.7902

Details

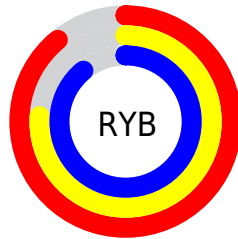
The Yxy color $60.5159, 0.3137, 0.2921$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $70.9861, 0.3115, 0.3687$, and the grayscale version is $62.8371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $30.4312, 0.3128, 0.2823$ is the 20% darker color. If you saturate the color by 10%, you get $51.0329, 0.3143, 0.2669$, and if you desaturate by 10%, it is $71.5617, 0.3131, 0.3170$.

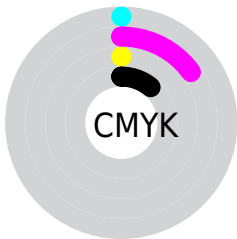
Distribution



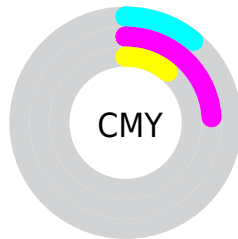
- Red (89%)
- Green (76%)
- Blue (89%)



- Red (89%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5159, 0.3137, 0.2921 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 60.5159, 0.3137, 0.2921 by changing the saturation by 10% instead.


 60.5159, 0.3137,
0.2921

 60.5159, 0.3137,
0.2921

426.4968, 0.3134,
0.3092

 43.8346, 0.3137,
0.2882

 105.5777, 0.3137,
0.2981

 30.5405, 0.3137,
0.2833


134.7270, 0.3136,
0.3004

 20.2492, 0.3136,
0.2772


168.8010, 0.3136,
0.3024

 12.5763, 0.3135,
0.2691

208.1842, 0.3136,
0.3041

 7.1375, 0.3131,
0.2581

253.2610, 0.3135,
0.3056

 3.5482, 0.3123,
0.2422

304.4158, 0.3135,

 1.4242, 0.3102,

0.3070

0.2174

362.0329, 0.3135,
0.3082

0.2345, 0.3213,
0.1156

0.0000, 0.0000,
0.0000

60.5159, 0.3137,
0.2921

60.5159, 0.3137,
0.2921

51.0329, 0.3143,
0.2669

71.5617, 0.3131,
0.3170

43.0341, 0.3148,
0.2421

84.2286, 0.3124,
0.3410

36.4459, 0.3151,
0.2187

93.7784, 0.3120,
0.3565

31.1853, 0.3153,
0.1977

93.8840, 0.3124,
0.3565

27.1606, 0.3153,
0.1800

93.9899, 0.3128,
0.3564

24.2685, 0.3151,
0.1663

94.0963, 0.3132,
0.3564

22.3890, 0.3147,
0.1570

94.2030, 0.3136,
0.3564

21.3751, 0.3141,
0.1518

94.3102, 0.3140,
0.3564

21.0714, 0.3138,
0.1502

94.4177, 0.3144,
0.3563

Harmonies

Analogous

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



60.5159, 0.2870, 0.2836



60.5159, 0.3137, 0.2921



60.5159, 0.3412, 0.3094

Triad

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



60.5159, 0.3137, 0.2921



60.5159, 0.3587, 0.3719



60.5159, 0.2663, 0.3231

Complementary

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



60.5159, 0.3137, 0.2921



70.9861, 0.3115, 0.3687

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.



60.5159, 0.2840, 0.3494



60.5159, 0.3137, 0.2921



60.5159, 0.3373, 0.3783

Square

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



60.5159, 0.3137, 0.2921



60.5159, 0.3678, 0.3545



60.5159, 0.3098, 0.3702



60.5159, 0.2605, 0.3000

Rectangle

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



60.5159, 0.3137, 0.2921



60.5159, 0.3559, 0.3240



60.5159, 0.3098, 0.3702



60.5159, 0.2710, 0.3319

Sweetspot

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



60.5185, 0.3137, 0.2921



93.6096, 0.3130, 0.3192



56.1507, 0.2887, 0.2906



19.7872, 0.3130, 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.



60.5185, 0.3137, 0.2921



73.8863, 0.3139, 0.2841



59.8322, 0.3264, 0.3090



14.5935, 0.3134, 0.3058



12.1741, 0.3139, 0.1503



0.9062, 0.3150, 0.1509

Inverse Universe

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



59.0092, 0.3398, 0.3280



71.5826, 0.3469, 0.3278



71.6114, 0.3010, 0.3499



14.3745, 0.3288, 0.3284



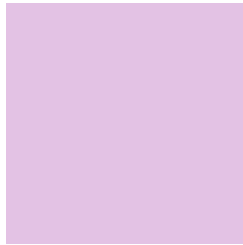
9.5352, 0.6370, 0.3283



0.7069, 0.6283, 0.3235

Previews

White Background



This preview shows how the Yxy color 60.5159, 0.3137, 0.2921 looks on a white background.

Color Contrast Check

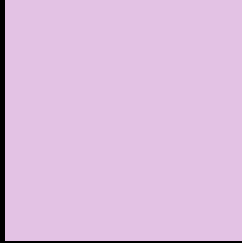
Large Text (above 18pt) WCAG AA × Fail

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 60.5159, 0.3137, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

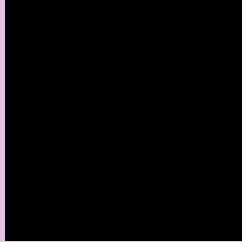
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5159, 0.3137, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 60.5159, 0.3137, 0.2921.



This preview shows how white text looks on a background with the Yxy color 60.5159, 0.3137, 0.2921.

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

60.5159, 0.3137, 0.2921

Protanopia

60.7945, 0.2887, 0.2937

Deuteranopia

60.6890, 0.3043, 0.2977



Tritanopia

60.6935, 0.3238, 0.3124

Trichromacy



Original Color

60.5159, 0.3137, 0.2921

Protanomaly

60.6901, 0.2971, 0.2932

Deuteranomaly

60.5386, 0.3081, 0.2959

Tritanomaly

60.7106, 0.3201, 0.3048

Monochromacy



Original Color

60.5159, 0.3137, 0.2921

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.0652, 0.3134, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5159, 0.3137, 0.2921 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, 194, 228)` looks like.

```
.text, #text, p{  
    color:rgb(227, 194, 228)  
}
```

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, 194, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 194, 228) }
```

Border

The CSS property to change the border of an element to Yxy 60.5159, 0.3137, 0.2921 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, 194, 228) }
```

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

```
.border{ border-color:rgb(227, 194, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 194, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 194, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 194, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 194,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5159, 0.3137, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 194, 228) }
```

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

```
.background{ background-color: rgb(227,  
194, 228) }
```

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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