

Converting Colors

$Yxy(60.9145, 0.3151, 0.2957)$

Have a look what the booklet for
Yxy(60.9145, 0.3151, 0.2957)
contains.

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Color

Yxy(60.8521, 0.3151, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	E3C3E2
RGB	227, 195, 226
RGB Percent	89%, 76%, 89%
CMY	0.1096, 0.2353, 0.1137
CMYK	0.00, 0.14, 0.00, 0.11
HSL	302°, 36%, 83%
HSV	302°, 14%, 89%
XYZ	64.9323, 60.8521, 80.2844
YIQ	208.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

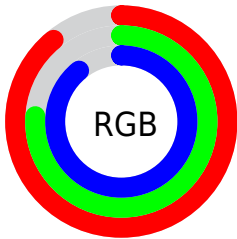
Format	Color
R_{YB}	227, 195, 226
Decimal	14926818
CIE _{Lab}	82.30, 16.66, -11.20
CIE _{LCh}	82, 20.076, 326.081
Yxy	60.8521, 0.3151, 0.2953
Android (android.graphics.Color)	4293116898 (0xFFE3C3E2)
YUV	208.1020, 8.8237, 16.5735
Hunter-Lab	78.0078, 12.0666, -6.4149

Details

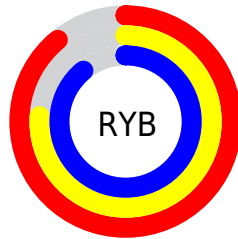
The Yxy color $60.8521, 0.3151, 0.2953$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $70.5485, 0.3103, 0.3652$, and the grayscale version is $63.0878, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $30.6480, 0.3147, 0.2865$ is the 20% darker color. If you saturate the color by 10%, you get $51.4031, 0.3169, 0.2709$, and if you desaturate by 10%, it is $71.8534, 0.3134, 0.3193$.

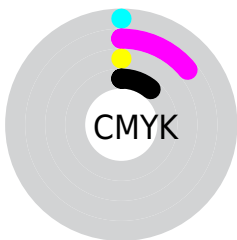
Distribution



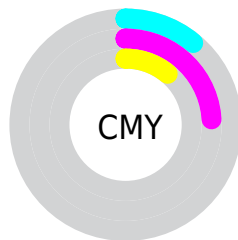
- Red (89%)
- Green (76%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8521, 0.3151, 0.2953 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 60.8521, 0.3151, 0.2953 by changing the saturation by 10% instead.


 60.8521, 0.3151,
0.2953

 60.8521, 0.3151,
0.2953


427.7315, 0.3141,
0.3110

 44.1058, 0.3153,
0.2917

 106.0648, 0.3148,
0.3008

 30.7537, 0.3155,
0.2872


135.2999, 0.3147,
0.3029

 20.4114, 0.3157,
0.2816


169.4668, 0.3146,
0.3047

 12.6944, 0.3159,
0.2742

208.9499, 0.3145,
0.3063

 7.2185, 0.3161,
0.2640

254.1335, 0.3144,
0.3077

 3.5991, 0.3162,
0.2493

305.4020, 0.3143,

 1.4519, 0.3157,

0.3089

0.2263

363.1399, 0.3142,
0.3100

0.2545, 0.3298,
0.1294

0.0000, 0.0000,
0.0000

60.8521, 0.3151,
0.2953

60.8521, 0.3151,
0.2953

51.4031, 0.3169,
0.2709

71.8534, 0.3134,
0.3193

43.4289, 0.3188,
0.2470

84.4642, 0.3118,
0.3425

36.8571, 0.3208,
0.2243

93.4704, 0.3107,
0.3564

31.6062, 0.3226,
0.2040

93.5110, 0.3103,
0.3557

■ 27.5863, 0.3244,
0.1868

■ 93.5517, 0.3099,
0.3549

■ 24.6963, 0.3260,
0.1736

■ 93.5927, 0.3095,
0.3541

■ 22.8191, 0.3274,
0.1647

■ 93.6338, 0.3091,
0.3534

■ 21.8121, 0.3286,
0.1600

■ 93.6750, 0.3087,
0.3526

■ 21.4924, 0.3292,
0.1587

■ 93.7165, 0.3082,
0.3519

Harmonies

Analogous

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



60.8521, 0.2901, 0.2869



60.8521, 0.3151, 0.2953



60.8521, 0.3404, 0.3118

Triad

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



60.8521, 0.3151, 0.2953



60.8521, 0.3546, 0.3695



60.8521, 0.2689, 0.3224

Complementary

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



60.8521, 0.3151, 0.2953



70.5485, 0.3103, 0.3652

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.



60.8521, 0.2849, 0.3467



60.8521, 0.3151, 0.2953



60.8521, 0.3343, 0.3746

Square

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



60.8521, 0.3151, 0.2953



60.8521, 0.3637, 0.3538



60.8521, 0.3087, 0.3664



60.8521, 0.2642, 0.3012

Rectangle

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



60.8521, 0.3151, 0.2953



60.8521, 0.3537, 0.3256



60.8521, 0.3087, 0.3664



60.8521, 0.2731, 0.3305

Sweetspot

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



60.8547, 0.3151, 0.2953



93.6428, 0.3134, 0.3196



56.2454, 0.2905, 0.2916



19.7957, 0.3135, 0.3178



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.



60.8547, 0.3151, 0.2953



75.3029, 0.3156, 0.2880



60.0401, 0.3267, 0.3119



14.6068, 0.3143, 0.3066



12.5326, 0.3291, 0.1586



0.9286, 0.3278, 0.1579

Inverse Universe

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



60.8547, 0.3151, 0.2953



75.3029, 0.3156, 0.2880



71.2929, 0.3006, 0.3468



14.6068, 0.3143, 0.3066



12.5326, 0.3291, 0.1586



0.9286, 0.3278, 0.1579

Previews

White Background



This preview shows how the Yxy color 60.8521, 0.3151, 0.2953 looks on a white background.

Color Contrast Check

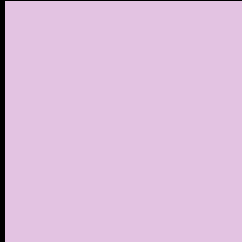
Large Text (above 18pt) WCAG AA × Fail

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 60.8521, 0.3151, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

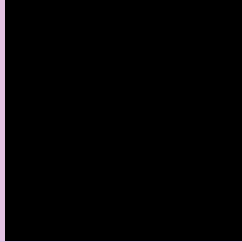
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8521, 0.3151, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 60.8521, 0.3151, 0.2953.



This preview shows how white text looks on a background with the Yxy color 60.8521, 0.3151, 0.2953.

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

60.8521, 0.3151, 0.2953

Protanopia

60.8989, 0.2921, 0.2971

Deuteranopia

60.7302, 0.3064, 0.3000



Tritanopia

60.7442, 0.3230, 0.3113

Trichromacy



Original Color

60.8521, 0.3151, 0.2953

Protanomaly

60.6673, 0.2999, 0.2964

Deuteranomaly

60.8845, 0.3095, 0.2991

Tritanomaly

60.7106, 0.3201, 0.3048

Monochromacy



Original Color

60.8521, 0.3151, 0.2953

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 60.8521, 0.3151, 0.2953 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, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 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(227, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.8521, 0.3151, 0.2953 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, 195, 226) }
```

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

```
.border{ border-color:rgb(227, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 195, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 195, 226); box-shadow:4px 4px 4px 4px rgb(227, 195, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8521, 0.3151, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 226) }
```

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

```
.background{ background-color: rgb(227,  
195, 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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