

Converting Colors

$Yxy(60.7805, 0.3327, 0.3250)$

Have a look what the booklet for
Yxy(60.7805, 0.3327, 0.3250)
contains.

Yxy(60.7740, 0.3328, 0.3257)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7740, 0.3328, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	E2C6C9
RGB	226, 198, 201
RGB Percent	89%, 78%, 79%
CMY	0.1138, 0.2235, 0.2117
CMYK	0.00, 0.12, 0.11, 0.11
HSL	354°, 33%, 83%
HSV	354°, 12%, 89%
XYZ	62.0988, 60.7740, 63.7222
YIQ	206.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

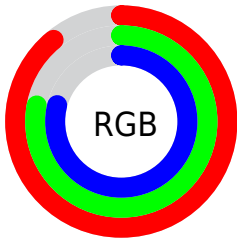
Format	Color
R _Y B	226, 198, 201
Decimal	14862025
CIE Lab	82.26, 10.34, 2.12
CIE LCh	82, 10.555, 11.573
Yxy	60.7740, 0.3328, 0.3257
Android (android.graphics.Color)	4293052105 (0xFFE2C6C9)
YUV	206.7140, -2.8170, 16.9138
Hunter-Lab	77.9577, 5.7620, 6.1070

Details

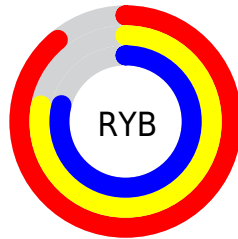
The Yxy color $60.7740, 0.3328, 0.3257$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $71.7204, 0.2956, 0.3323$, and the grayscale version is $62.2153, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.5991, 0.3376, 0.3247$ is the 20% darker color. If you saturate the color by 10%, you get $50.3162, 0.3535, 0.3229$, and if you desaturate by 10%, it is $72.9032, 0.3162, 0.3284$.

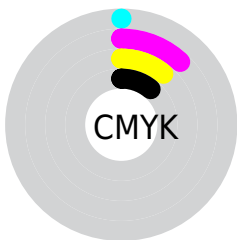
Distribution



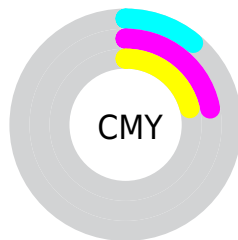
- Red (89%)
- Green (78%)
- Blue (79%)



- Red (89%)
- Yellow (78%)
- Blue (79%)



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




- Cyan (11%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7740, 0.3328, 0.3257 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 60.7740, 0.3328, 0.3257 by changing the saturation by 10% instead.


 60.7740, 0.3328,
0.3257

 60.7740, 0.3328,
0.3257

427.4449, 0.3232,
0.3273

 44.0428, 0.3351,
0.3253

105.9516, 0.3294,
0.3263

 30.7042, 0.3380,
0.3248


135.1669, 0.3281,
0.3265

 20.3737, 0.3417,
0.3241


169.3122, 0.3270,
0.3267

 12.6670, 0.3467,
0.3232

208.7721, 0.3260,
0.3269

 7.1996, 0.3538,
0.3218

253.9309, 0.3252,
0.3270

 3.5873, 0.3647,
0.3197

305.1731, 0.3244,

 1.4455, 0.3833,

0.3271

0.3158

362.8829, 0.3238,
0.3272

0.2499, 0.5671,
0.2893

0.0000, 0.0000,
0.0000

60.7740, 0.3328,
0.3257

60.7740, 0.3328,
0.3257

50.3162, 0.3535,
0.3229

72.9032, 0.3162,
0.3284

41.4490, 0.3792,
0.3200

86.7641, 0.3028,
0.3309

34.0967, 0.4106,
0.3172

94.9069, 0.2952,
0.3289

28.1744, 0.4481,
0.3149

■ 23.5891, 0.4909,
0.3137

■ 20.2363, 0.5361,
0.3139

■ 17.9963, 0.5786,
0.3163

■ 16.7252, 0.6121,
0.3205

■ 16.2339, 0.6292,
0.3240

Harmonies

Analogous

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



60.7740, 0.3212, 0.3151



60.7740, 0.3328, 0.3257



60.7740, 0.3390, 0.3374

Triad

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



60.7740, 0.3328, 0.3257



60.7740, 0.3175, 0.3512



60.7740, 0.2881, 0.3104

Complementary

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



60.7740, 0.3328, 0.3257



71.7204, 0.2956, 0.3323

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.



60.7740, 0.2872, 0.3197



60.7740, 0.3328, 0.3257



60.7740, 0.3040, 0.3436

Square

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



60.7740, 0.3328, 0.3257



60.7740, 0.3299, 0.3524



60.7740, 0.2929, 0.3319



60.7740, 0.2955, 0.3062

Rectangle

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



60.7740, 0.3328, 0.3257



60.7740, 0.3391, 0.3443



60.7740, 0.2929, 0.3319



60.7740, 0.2870, 0.3130

Sweetspot

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



60.7767, 0.3328, 0.3257



93.0912, 0.3187, 0.3280



61.5268, 0.3116, 0.2983



19.6561, 0.3198, 0.3278



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.



60.7767, 0.3328, 0.3257



75.9696, 0.3380, 0.3249



65.7152, 0.3336, 0.3410



13.7243, 0.3275, 0.3265



9.2709, 0.6268, 0.3227



0.6508, 0.5963, 0.3059

Inverse Universe

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



60.7767, 0.3328, 0.3257



75.9696, 0.3380, 0.3249



66.2323, 0.2936, 0.3167



13.7243, 0.3275, 0.3265



9.2709, 0.6268, 0.3227



0.6508, 0.5963, 0.3059

Previews

White Background



This preview shows how the Yxy color 60.7740, 0.3328, 0.3257 looks on a white background.

Color Contrast Check

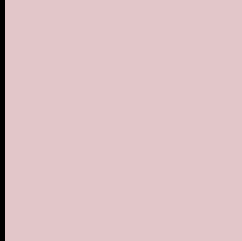
Large Text (above 18pt) WCAG AA × Fail

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 60.7740, 0.3328, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

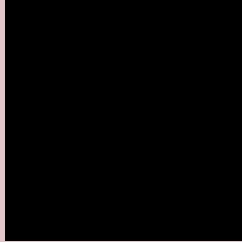
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7740, 0.3328, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 60.7740, 0.3328, 0.3257.



This preview shows how white text looks on a background with the Yxy color 60.7740, 0.3328, 0.3257.

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

60.7740, 0.3328, 0.3257

Protanopia

60.9553, 0.3158, 0.3290

Deuteranopia

60.7740, 0.3328, 0.3257



Tritanopia

60.5642, 0.3254, 0.3114

Trichromacy



Original Color

60.7740, 0.3328, 0.3257

Protanomaly

60.9999, 0.3221, 0.3279

Deuteranomaly

60.7740, 0.3328, 0.3257

Tritanomaly

60.8175, 0.3284, 0.3169

Monochromacy



Original Color

60.7740, 0.3328, 0.3257

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8897, 0.3197, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7740, 0.3328, 0.3257 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(226, 198, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 198, 201)  
}
```

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(226, 198, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 198, 201) }
```

Border

The CSS property to change the border of an element to Yxy 60.7740, 0.3328, 0.3257 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(226, 198, 201) }
```

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

```
.border{ border-color:rgb(226, 198, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 198, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 198, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 198, 201); box-shadow:4px 4px 4px 4px rgb(226, 198, 201) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7740, 0.3328, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 198, 201) }
```

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

```
.background{ background-color: rgb(226,  
198, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor