

Converting Colors

Yxy(60.4881, 0.3304, 0.3227)

Have a look what the booklet for
Yxy(60.4881, 0.3304, 0.3227)
contains.

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Color

Yxy(60.7075, 0.3305, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	E1C6CB
RGB	225, 198, 203
RGB Percent	88%, 78%, 80%
CMY	0.1177, 0.2235, 0.2040
CMYK	0.00, 0.12, 0.10, 0.12
HSL	349°, 31%, 83%
HSV	349°, 12%, 88%
XYZ	62.0211, 60.7075, 64.9298
YIQ	206.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

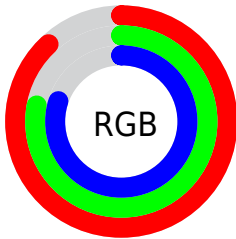
Format	Color
R_{YB}	225, 198, 203
Decimal	14796491
CIE _{Lab}	82.22, 10.31, 1.01
CIE _{LCh}	82, 10.362, 5.568
Yxy	60.7075, 0.3305, 0.3235
Android (android.graphics.Color)	4292986571 (0xFFE1C6CB)
YUV	206.6430, -1.7960, 16.0991
Hunter-Lab	77.9150, 5.7364, 5.1317

Details

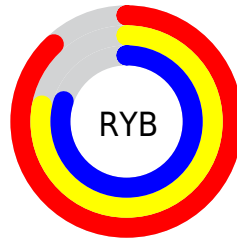
The Yxy color $60.7075, 0.3305, 0.3235$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.0252, 0.2974, 0.3346$, and the grayscale version is $62.1604, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.6625, 0.3355, 0.3217$ is the 20% darker color. If you saturate the color by 10%, you get $50.3522, 0.3493, 0.3186$, and if you desaturate by 10%, it is $72.6997, 0.3154, 0.3281$.

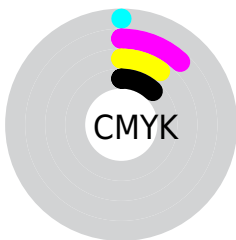
Distribution



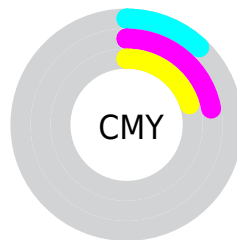
- Red (88%)
- Green (78%)
- Blue (80%)



- Red (88%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (12%)





- Cyan (12%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7075, 0.3305, 0.3235 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 60.7075, 0.3305, 0.3235 by changing the saturation by 10% instead.


 60.7075, 0.3305,
0.3235

 60.7075, 0.3305,
0.3235


427.2007, 0.3220,
0.3262

 43.9892, 0.3325,
0.3229


105.8553, 0.3275,
0.3244

 30.6620, 0.3351,
0.3221


135.0536, 0.3263,
0.3248

 20.3416, 0.3384,
0.3210


169.1806, 0.3253,
0.3251

 12.6436, 0.3428,
0.3196

208.6207, 0.3245,
0.3254

 7.1836, 0.3490,
0.3176

253.7584, 0.3237,
0.3256

 3.5772, 0.3586,
0.3145

304.9780, 0.3231,

 1.4400, 0.3749,

0.3258

0.3090

362.6640, 0.3225,
0.3260

0.2459, 0.5227,
0.2647

0.0000, 0.0000,
0.0000

60.7075, 0.3305,
0.3235

60.7075, 0.3305,
0.3235

50.3522, 0.3493,
0.3186

72.6997, 0.3154,
0.3281

41.5551, 0.3724,
0.3136

86.3872, 0.3031,
0.3324

34.2429, 0.4006,
0.3087

94.7471, 0.2946,
0.3289

28.3333, 0.4344,
0.3046

■ 23.7360, 0.4732,
0.3018

■ 20.3500, 0.5151,
0.3013

■ 18.0596, 0.5565,
0.3039

■ 16.7262, 0.5923,
0.3097

■ 16.1697, 0.6141,
0.3157

Harmonies

Analogous

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



60.7075, 0.3184, 0.3136



60.7075, 0.3305, 0.3235



60.7075, 0.3378, 0.3350

Triad

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



60.7075, 0.3305, 0.3235



60.7075, 0.3201, 0.3515



60.7075, 0.2878, 0.3122

Complementary

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



60.7075, 0.3305, 0.3235



71.0252, 0.2974, 0.3346

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.



60.7075, 0.2883, 0.3222



60.7075, 0.3305, 0.3235



60.7075, 0.3067, 0.3452

Square

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



60.7075, 0.3305, 0.3235



60.7075, 0.3317, 0.3514



60.7075, 0.2951, 0.3343



60.7075, 0.2939, 0.3070

Rectangle

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



60.7075, 0.3305, 0.3235



60.7075, 0.3389, 0.3422



60.7075, 0.2951, 0.3343



60.7075, 0.2872, 0.3151

Sweetspot

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



60.7102, 0.3305, 0.3235



93.1392, 0.3182, 0.3272



60.9820, 0.3100, 0.2992



19.6682, 0.3193, 0.3269



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.



60.7102, 0.3305, 0.3235



77.5632, 0.3341, 0.3225



64.2784, 0.3332, 0.3381



13.7415, 0.3263, 0.3247



9.3305, 0.6109, 0.3139



0.6589, 0.5696, 0.2912

Inverse Universe

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



60.7102, 0.3305, 0.3235



77.5632, 0.3341, 0.3225



67.0178, 0.2942, 0.3197



13.7415, 0.3263, 0.3247



9.3305, 0.6109, 0.3139



0.6589, 0.5696, 0.2912

Previews

White Background



This preview shows how the Yxy color 60.7075, 0.3305, 0.3235 looks on a white background.

Color Contrast Check

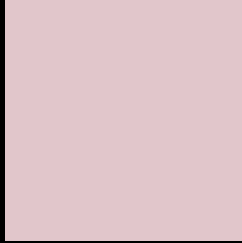
Large Text (above 18pt) WCAG AA × Fail

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 60.7075, 0.3305, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

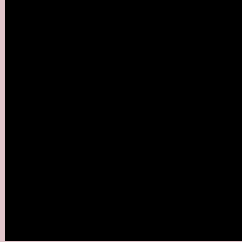
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7075, 0.3305, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 60.7075, 0.3305, 0.3235.



This preview shows how white text looks on a background with the Yxy color 60.7075, 0.3305, 0.3235.

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

60.7075, 0.3305, 0.3235

Protanopia

61.0519, 0.3144, 0.3267

Deuteranopia

60.7075, 0.3305, 0.3235



Tritanopia

60.8547, 0.3246, 0.3124

Trichromacy



Original Color

60.7075, 0.3305, 0.3235

Protanomaly

60.9450, 0.3199, 0.3256

Deuteranomaly

60.7075, 0.3305, 0.3235

Tritanomaly

60.7047, 0.3268, 0.3157

Monochromacy



Original Color

60.7075, 0.3305, 0.3235

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9381, 0.3190, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7075, 0.3305, 0.3235 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(225, 198, 203)` looks like.

```
.text, #text, p{  
    color:rgb(225, 198, 203)  
}
```

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(225, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 198, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.7075, 0.3305, 0.3235 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(225, 198, 203) }
```

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

```
.border{ border-color:rgb(225, 198, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 198, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 198,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7075, 0.3305, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 198, 203) }
```

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

```
.background{ background-color: rgb(225,  
198, 203) }
```

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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