

Converting Colors

$Yxy(59.8018, 0.3305, 0.3264)$

Have a look what the booklet for
Yxy(59.8018, 0.3305, 0.3264)
contains.

Yxy(59.6322, 0.3305, 0.3257)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.6322, 0.3305, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	DEC5C8
RGB	222, 197, 200
RGB Percent	87%, 77%, 78%
CMY	0.1294, 0.2274, 0.2158
CMYK	0.00, 0.11, 0.10, 0.13
HSL	353°, 27%, 82%
HSV	353°, 11%, 87%
XYZ	60.5110, 59.6322, 62.9461
YIQ	204.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

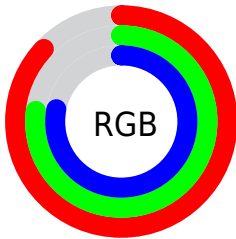
Format	Color
R _Y B	222, 197, 200
Decimal	14599624
CIE Lab	81.64, 9.28, 1.73
CIE LCh	82, 9.440, 10.571
Yxy	59.6322, 0.3305, 0.3257
Android (android.graphics.Color)	4292789704 (0xFFDEC5C8)
YUV	204.8170, -2.3748, 15.0695
Hunter-Lab	77.2219, 4.7342, 5.7261

Details

The Yxy color **59.6322, 0.3305, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2266, 0.2973, 0.3323**, and the grayscale version is **60.9367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.9357, 0.3356, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **49.4270, 0.3504, 0.3226**, and if you desaturate by 10%, it is **71.4443, 0.3145, 0.3286**.

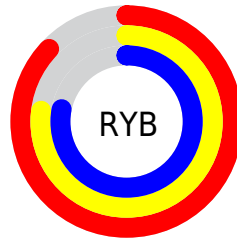
Distribution



Red (87%)

Green (77%)

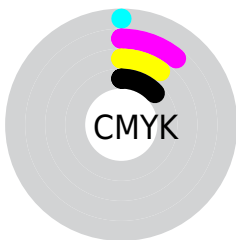
Blue (78%)



Red (87%)

Yellow (77%)

Blue (78%)

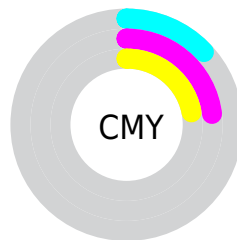


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (13%)



Cyan (13%)


Magenta (23%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6322, 0.3305, 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 59.6322, 0.3305, 0.3257 by changing the saturation by 10% instead.


 59.6322, 0.3305,
0.3257

 59.6322, 0.3305,
0.3257


423.2407, 0.3220,
0.3273

 43.1222, 0.3325,
0.3253

104.2959, 0.3275,
0.3263

 29.9810, 0.3351,
0.3248


133.2185, 0.3263,
0.3265

 19.8242, 0.3384,
0.3241


167.0474, 0.3253,
0.3267

 12.2673, 0.3429,
0.3232

206.1671, 0.3245,
0.3269

 6.9260, 0.3493,
0.3219

250.9618, 0.3237,
0.3270

 3.4159, 0.3591,
0.3198

301.8161, 0.3231,

 1.3525, 0.3761,

0.3271

0.3160

359.1143, 0.3225,
0.3272

0.1813, 0.6075,
0.2762

0.0000, 0.0000,
0.0000

59.6322, 0.3305,
0.3257

59.6322, 0.3305,
0.3257

49.4270, 0.3504,
0.3226

71.4443, 0.3145,
0.3286

40.7517, 0.3751,
0.3194

84.9203, 0.3016,
0.3314

33.5349, 0.4054,
0.3163

94.2684, 0.2929,
0.3289

27.6964, 0.4417,
0.3137

■ 23.1482, 0.4833,
0.3120

■ 19.7922, 0.5280,
0.3120

■ 17.5160, 0.5710,
0.3142

■ 16.1859, 0.6062,
0.3185

■ 15.6044, 0.6272,
0.3229

Harmonies

Analogous

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



59.6322, 0.3200, 0.3162



59.6322, 0.3305, 0.3257



59.6322, 0.3362, 0.3363

Triad

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



59.6322, 0.3305, 0.3257



59.6322, 0.3174, 0.3490



59.6322, 0.2904, 0.3125

Complementary

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



59.6322, 0.3305, 0.3257



69.2266, 0.2973, 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.



59.6322, 0.2898, 0.3210



59.6322, 0.3305, 0.3257



59.6322, 0.3052, 0.3424

Square

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



59.6322, 0.3305, 0.3257



59.6322, 0.3286, 0.3500



59.6322, 0.2952, 0.3320



59.6322, 0.2969, 0.3085

Rectangle

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



59.6322, 0.3305, 0.3257



59.6322, 0.3365, 0.3426



59.6322, 0.2952, 0.3320



59.6322, 0.2895, 0.3149

Sweetspot

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



59.6348, 0.3305, 0.3257



94.7890, 0.3171, 0.3281



60.2188, 0.3114, 0.3012



19.9982, 0.3183, 0.3279



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.



59.6348, 0.3305, 0.3257



77.4361, 0.3358, 0.3248



63.7852, 0.3315, 0.3394



13.7268, 0.3273, 0.3263



9.2779, 0.6249, 0.3216



0.6520, 0.5922, 0.3036

Inverse Universe

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



59.6348, 0.3305, 0.3257



77.4361, 0.3358, 0.3248



64.6497, 0.2953, 0.3184



13.7268, 0.3273, 0.3263



9.2779, 0.6249, 0.3216



0.6520, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 59.6322, 0.3305, 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 59.6322, 0.3305, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

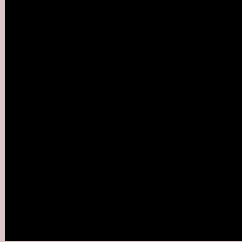
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6322, 0.3305, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 59.6322, 0.3305, 0.3257.



This preview shows how white text looks on a background with the Yxy color 59.6322, 0.3305, 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

59.6322, 0.3305, 0.3257

Protanopia

59.6747, 0.3151, 0.3278

Deuteranopia

59.4973, 0.3322, 0.3246



Tritanopia

59.4213, 0.3231, 0.3112

Trichromacy



Original Color

59.6322, 0.3305, 0.3257

Protanomaly

59.5699, 0.3207, 0.3267

Deuteranomaly

59.3380, 0.3314, 0.3245

Tritanomaly

59.6728, 0.3261, 0.3167

Monochromacy



Original Color

59.6322, 0.3305, 0.3257

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4017, 0.3190, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6322, 0.3305, 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(222, 197, 200)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 200)  
}
```

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(222, 197, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 200) }
```

Border

The CSS property to change the border of an element to Yxy 59.6322, 0.3305, 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(222, 197, 200) }
```

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

```
.border{ border-color:rgb(222, 197, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 197, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 197, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 197, 200);  
box-shadow:4px 4px 4px 4px rgb(222, 197,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6322, 0.3305, 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(222, 197, 200) }
```

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

```
.background{ background-color: rgb(222,  
197, 200) }
```

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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