

Converting Colors

$Y_{xy}(58.1977, 0.3220, 0.3305)$

Have a look what the booklet for
Yxy(58.1977, 0.3220, 0.3305)
contains.

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Color

Yxy(57.9747, 0.3222, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	D1C6C5
RGB	209, 198, 197
RGB Percent	82%, 78%, 77%
CMY	0.1803, 0.2235, 0.2275
CMYK	0.00, 0.05, 0.06, 0.18
HSL	5°, 12%, 80%
HSV	5°, 6%, 82%
XYZ	56.5701, 57.9747, 61.0297
YIQ	201.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

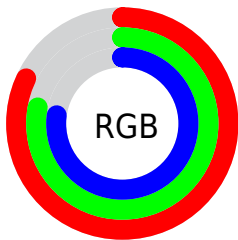
Format	Color
R _Y B	209, 198, 197
Decimal	13747909
CIE Lab	80.72, 3.67, 1.87
CIE LCh	81, 4.114, 26.964
Yxy	57.9747, 0.3222, 0.3302
Android (android.graphics.Color)	4291937989 (0xFFD1C6C5)
YUV	201.1750, -2.0583, 6.8625
Hunter-Lab	76.1411, -0.6279, 5.7758

Details

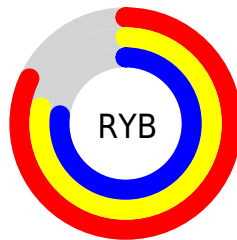
The Yxy color **57.9747, 0.3222, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5946, 0.3039, 0.3278**, and the grayscale version is **58.5352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **28.8983, 0.3255, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **48.8726, 0.3417, 0.3324**, and if you desaturate by 10%, it is **68.3227, 0.3064, 0.3282**.

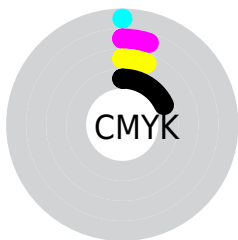
Distribution



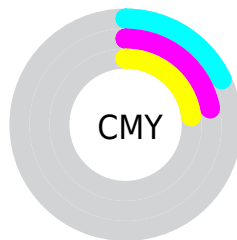
- Red (82%)
- Green (78%)
- Blue (77%)



- Red (82%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9747, 0.3222, 0.3302 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 57.9747, 0.3222, 0.3302 by changing the saturation by 10% instead.

■ 57.9747, 0.3222,
0.3302

■ 57.9747, 0.3222,
0.3302

417.0917, 0.3176,
0.3296

■ 41.7883, 0.3233,
0.3303

101.8860, 0.3206,
0.3300

■ 28.9356, 0.3247,
0.3305

130.3797, 0.3199,
0.3299

■ 19.0321, 0.3265,
0.3307

163.7447, 0.3194,
0.3299

■ 11.6935, 0.3289,
0.3310

202.3652, 0.3190,
0.3298

■ 6.5353, 0.3324,
0.3313

246.6258, 0.3186,
0.3298

■ 3.1732, 0.3378,
0.3318

296.9108, 0.3182,

■ 1.2228, 0.3474,

0.3297

0.3327

353.6046, 0.3179,
0.3297

0.0802, 0.6739,
0.3261

0.0000, 0.0000,
0.0000

57.9747, 0.3222,
0.3302

57.9747, 0.3222,
0.3302

48.8726, 0.3417,
0.3324

68.3227, 0.3064,
0.3282

40.9621, 0.3657,
0.3348

79.9532, 0.2936,
0.3263

34.1961, 0.3952,
0.3372

92.2981, 0.2855,
0.3289

28.5218, 0.4305,
0.3394

■ 23.8817, 0.4717,
0.3411

■ 20.2134, 0.5168,
0.3419

■ 17.4478, 0.5618,
0.3413

■ 15.5064, 0.6005,
0.3391

■ 14.2971, 0.6268,
0.3355

Harmonies

Analogous

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



57.9747, 0.3186, 0.3255



57.9747, 0.3222, 0.3302



57.9747, 0.3232, 0.3346

Triad

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



57.9747, 0.3222, 0.3302



57.9747, 0.3119, 0.3364



57.9747, 0.3041, 0.3205

Complementary

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



57.9747, 0.3222, 0.3302



61.5946, 0.3039, 0.3278

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.



57.9747, 0.3024, 0.3233



57.9747, 0.3222, 0.3302



57.9747, 0.3068, 0.3325

Square

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



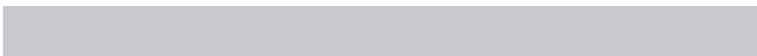
57.9747, 0.3222, 0.3302



57.9747, 0.3172, 0.3383



57.9747, 0.3033, 0.3277



57.9747, 0.3082, 0.3199

Rectangle

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



57.9747, 0.3222, 0.3302



57.9747, 0.3223, 0.3368



57.9747, 0.3033, 0.3277



57.9747, 0.3033, 0.3212

Sweetspot

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



57.9772, 0.3222, 0.3302



96.7293, 0.3159, 0.3294



58.0445, 0.3141, 0.3162



20.7383, 0.3158, 0.3294



0.0000, 0.0000, 0.0000



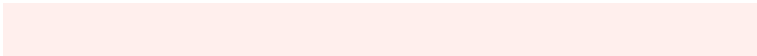
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9772, 0.3222, 0.3302



88.9043, 0.3246, 0.3305



60.7799, 0.3216, 0.3372



12.3518, 0.3254, 0.3306



8.6726, 0.6332, 0.3355



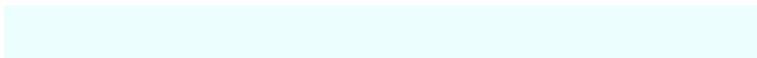
0.5411, 0.6129, 0.3516

Inverse Universe

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



61.5946, 0.3039, 0.3278



95.8247, 0.3018, 0.3275



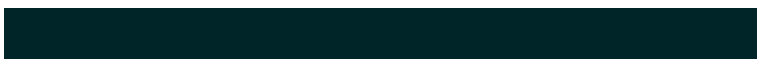
58.7186, 0.3040, 0.3207



13.3786, 0.3012, 0.3274



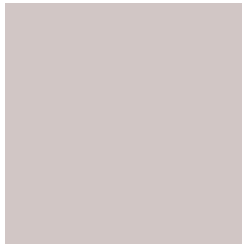
26.0395, 0.2175, 0.3029



1.5068, 0.2189, 0.3080

Previews

White Background



This preview shows how the Yxy color 57.9747, 0.3222, 0.3302 looks on a white background.

Color Contrast Check

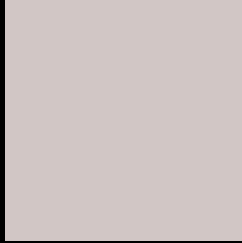
Large Text (above 18pt) WCAG AA × Fail

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 57.9747, 0.3222, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

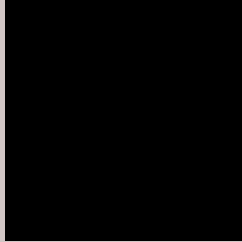
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9747, 0.3222, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 57.9747, 0.3222, 0.3302.



This preview shows how white text looks on a background with the Yxy color 57.9747, 0.3222, 0.3302.

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

57.9747, 0.3222, 0.3302

Protanopia

57.7614, 0.3174, 0.3302

Deuteranopia

58.0329, 0.3316, 0.3245



Tritanopia

58.0319, 0.3135, 0.3118

Trichromacy



Original Color

57.9747, 0.3222, 0.3302

Protanomaly

58.0459, 0.3190, 0.3302

Deuteranomaly

57.8591, 0.3282, 0.3256

Tritanomaly

58.0904, 0.3164, 0.3186

Monochromacy



Original Color

57.9747, 0.3222, 0.3302

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3161, 0.3158, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9747, 0.3222, 0.3302 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(209, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 197)  
}
```

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(209, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 197) }
```

Border

The CSS property to change the border of an element to Yxy 57.9747, 0.3222, 0.3302 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(209, 198, 197) }
```

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

```
.border{ border-color:rgb(209, 198, 197) }
```

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

Here you see how a box with a 4 pixel rgb(209, 198, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9747, 0.3222, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 197) }
```

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

```
.background{ background-color: rgb(209,  
198, 197) }
```

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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