

Converting Colors

Yxy(57.2678, 0.3261, 0.3349)

Have a look what the booklet for
Yxy(57.2678, 0.3261, 0.3349)
contains.

Yxy(57.2936, 0.3261, 0.3349)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.2936, 0.3261, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	D1C5C0
RGB	209, 197, 192
RGB Percent	82%, 77%, 75%
CMY	0.1802, 0.2275, 0.2470
CMYK	0.00, 0.06, 0.08, 0.18
HSL	18°, 16%, 79%
HSV	18°, 8%, 82%
XYZ	55.7881, 57.2936, 57.9950
YIQ	200.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

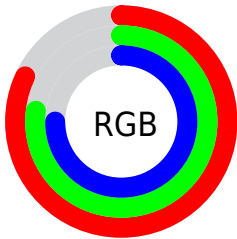
Format	Color
R _Y B	209, 199, 192
Decimal	13747648
CIE Lab	80.34, 3.36, 3.99
CIE LCh	80, 5.216, 49.903
Yxy	57.2936, 0.3261, 0.3349
Android (android.graphics.Color)	4291937728 (0xFFD1C5C0)
YUV	200.0180, -3.9529, 7.8772
Hunter-Lab	75.6925, -0.9010, 7.5573

Details

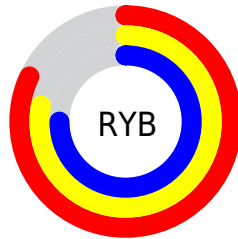
The Yxy color **57.2936, 0.3261, 0.3349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0411, 0.3002, 0.3230**, and the grayscale version is **57.7971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9209, 0.3168, 0.3347**, and **28.4776, 0.3297, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **50.0371, 0.3453, 0.3426**, and if you desaturate by 10%, it is **65.3473, 0.3099, 0.3277**.

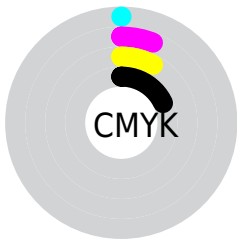
Distribution



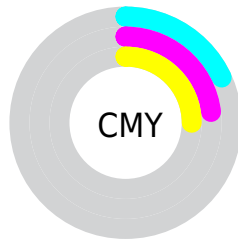
- Red (82%)
- Green (77%)
- Blue (75%)



- Red (82%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (18%)





- Cyan (18%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2936, 0.3261, 0.3349 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 57.2936, 0.3261, 0.3349 by changing the saturation by 10% instead.


 57.2936, 0.3261,
0.3349

 57.2936, 0.3261,
0.3349


414.5486, 0.3196,
0.3321

 41.2410, 0.3277,
0.3356


 100.8935, 0.3238,
0.3339

 28.5075, 0.3296,
0.3364


129.2095, 0.3229,
0.3335

 18.7085, 0.3322,
0.3375


162.3822, 0.3222,
0.3332

 11.4599, 0.3357,
0.3389


200.7959, 0.3215,
0.3329

 6.3770, 0.3407,
0.3410

244.8350, 0.3209,
0.3327

 3.0757, 0.3485,
0.3440

294.8838, 0.3205,

 1.1714, 0.3622,

0.3325

0.3492

351.3269, 0.3200,
0.3323

0.0381, 0.7562,
0.2438

0.0000, 0.0000,
0.0000

57.2936, 0.3261,
0.3349

57.2936, 0.3261,
0.3349

50.0371, 0.3453,
0.3426

65.3473, 0.3099,
0.3277

43.5458, 0.3681,
0.3506

74.2140, 0.2963,
0.3211

37.7964, 0.3949,
0.3587

83.9187, 0.2849,
0.3150

32.7618, 0.4258,
0.3662

92.3037, 0.2855,
0.3289

■ 28.4130, 0.4604,
0.3724

■ 24.7189, 0.4975,
0.3762

■ 21.6459, 0.5347,
0.3765

■ 19.1568, 0.5683,
0.3722

■ 17.2074, 0.5951,
0.3637

Harmonies

Analogous

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



57.2936, 0.3240, 0.3291



57.2936, 0.3261, 0.3349



57.2936, 0.3246, 0.3392

Triad

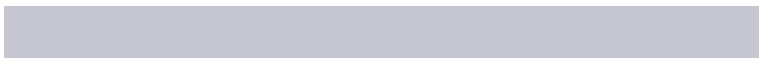
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.2936, 0.3261, 0.3349



57.2936, 0.3066, 0.3348



57.2936, 0.3055, 0.3174

Complementary

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



57.2936, 0.3261, 0.3349



59.0411, 0.3002, 0.3230

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.



57.2936, 0.3010, 0.3188



57.2936, 0.3261, 0.3349



57.2936, 0.3016, 0.3288

Square

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



57.2936, 0.3261, 0.3349



57.2936, 0.3133, 0.3393



57.2936, 0.2995, 0.3229



57.2936, 0.3121, 0.3190

Rectangle

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



57.2936, 0.3261, 0.3349



57.2936, 0.3217, 0.3407



57.2936, 0.2995, 0.3229



57.2936, 0.3037, 0.3175

Sweetspot

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



57.2961, 0.3261, 0.3349



97.3927, 0.3159, 0.3304



55.6398, 0.3173, 0.3147



20.8734, 0.3157, 0.3304



0.0000, 0.0000, 0.0000



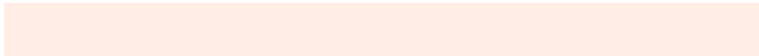
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2961, 0.3261, 0.3349



87.4779, 0.3296, 0.3364



61.2073, 0.3251, 0.3446



12.3621, 0.3283, 0.3358



10.5623, 0.5970, 0.3642



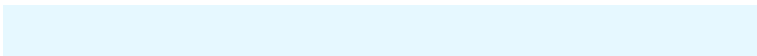
0.7279, 0.5603, 0.3933

Inverse Universe

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



59.0411, 0.3002, 0.3230



90.8258, 0.2972, 0.3215



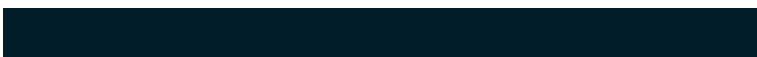
55.1623, 0.3002, 0.3129



12.8002, 0.2983, 0.3221



16.0810, 0.1977, 0.2318



1.0325, 0.2033, 0.2518

Previews

White Background



This preview shows how the Yxy color 57.2936, 0.3261, 0.3349 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 57.2936, 0.3261, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

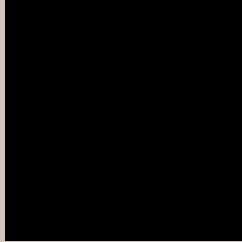
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2936, 0.3261, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 57.2936, 0.3261, 0.3349.



This preview shows how white text looks on a background with the Yxy color 57.2936, 0.3261, 0.3349.

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

57.2936, 0.3261, 0.3349

Protanopia

57.0758, 0.3212, 0.3350

Deuteranopia

57.3623, 0.3357, 0.3291



Tritanopia

57.2338, 0.3152, 0.3106

Trichromacy



Original Color

57.2936, 0.3261, 0.3349

Protanomaly

57.3602, 0.3228, 0.3350

Deuteranomaly

57.1855, 0.3322, 0.3302

Tritanomaly

57.1909, 0.3195, 0.3197

Monochromacy



Original Color

57.2936, 0.3261, 0.3349

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5746, 0.3173, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2936, 0.3261, 0.3349 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, 197, 192)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 192)  
}
```

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, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.2936, 0.3261, 0.3349 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, 197, 192) }
```

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

```
.border{ border-color:rgb(209, 197, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2936, 0.3261, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 192) }
```

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

```
.background{ background-color: rgb(209,  
197, 192) }
```

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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