

Converting Colors

$Yxy(57.7015, 0.3349, 0.3445)$

Have a look what the booklet for
Yxy(57.7015, 0.3349, 0.3445)
contains.

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Color

Yxy(57.5393, 0.3355, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	D5C5B8
RGB	213, 197, 184
RGB Percent	84%, 77%, 72%
CMY	0.1646, 0.2275, 0.2783
CMYK	0.00, 0.08, 0.14, 0.16
HSL	27°, 26%, 78%
HSV	27°, 14%, 84%
XYZ	56.0686, 57.5393, 53.5117
YIQ	200.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

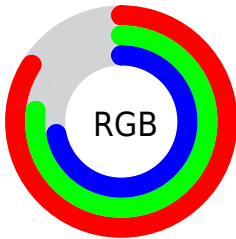
Format	Color
R _Y B	213, 208, 184
Decimal	14009784
CIE Lab	80.48, 3.47, 8.52
CIE LCh	80, 9.196, 67.850
Yxy	57.5393, 0.3355, 0.3443
Android (android.graphics.Color)	4292199864 (0xFFD5C5B8)
YUV	200.3020, -8.0369, 11.1361
Hunter-Lab	75.8547, -0.8058, 11.2721

Details

The Yxy color **57.5393, 0.3355, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3421, 0.2916, 0.3132**, and the grayscale version is **58.0037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4349, 0.3215, 0.3425**, and **28.5527, 0.3414, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **51.5708, 0.3553, 0.3562**, and if you desaturate by 10%, it is **64.0658, 0.3183, 0.3329**.

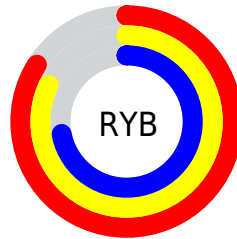
Distribution



Red (84%)

Green (77%)

Blue (72%)



Red (84%)

Yellow (82%)

Blue (72%)

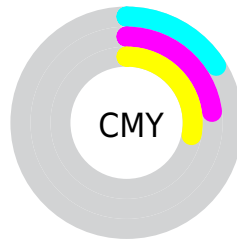


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (16%)



Cyan (16%)


Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5393, 0.3355, 0.3443 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 57.5393, 0.3355, 0.3443 by changing the saturation by 10% instead.

 57.5393, 0.3355,
0.3443

 57.5393, 0.3355,
0.3443


415.4671, 0.3245,
0.3370

 41.4384, 0.3382,
0.3460

 101.2517, 0.3316,
0.3417

 28.6618, 0.3415,
0.3482


129.6319, 0.3301,
0.3407

 18.8251, 0.3459,
0.3510


162.8741, 0.3288,
0.3399

 11.5440, 0.3518,
0.3547

201.3625, 0.3277,
0.3391

 6.4340, 0.3602,
0.3600

245.4816, 0.3267,
0.3385

 3.1107, 0.3733,
0.3679

295.6158, 0.3259,

 1.1898, 0.3997,

0.3379

352.1495, 0.3251,
0.3374

0.3844

0.0534, 0.7173,
0.2827

0.0000, 0.0000,
0.0000

57.5393, 0.3355,
0.3443

57.5393, 0.3355,
0.3443

51.5708, 0.3553,
0.3562

64.0658, 0.3183,
0.3329

46.1371, 0.3778,
0.3684

71.1575, 0.3035,
0.3223

41.2245, 0.4032,
0.3803

78.8312, 0.2907,
0.3125

36.8157, 0.4311,
0.3912

86.1489, 0.2872,
0.3177

■ 32.8924, 0.4608,
0.3998

■ 92.8919, 0.2877,
0.3289

■ 29.4348, 0.4908,
0.4050

■ 26.4213, 0.5192,
0.4056

■ 23.8275, 0.5440,
0.4006

■ 22.3725, 0.5577,
0.3953

Harmonies

Analogous

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



57.5393, 0.3356, 0.3352



57.5393, 0.3355, 0.3443



57.5393, 0.3292, 0.3495

Triad

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



57.5393, 0.3355, 0.3443



57.5393, 0.2962, 0.3330



57.5393, 0.3066, 0.3098

Complementary

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



57.5393, 0.3355, 0.3443



56.3421, 0.2916, 0.3132

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.



57.5393, 0.2963, 0.3089



57.5393, 0.3355, 0.3443



57.5393, 0.2904, 0.3221

Square

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



57.5393, 0.3355, 0.3443



57.5393, 0.3064, 0.3430



57.5393, 0.2904, 0.3133



57.5393, 0.3188, 0.3156

Rectangle

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



57.5393, 0.3355, 0.3443



57.5393, 0.3223, 0.3499



57.5393, 0.2904, 0.3133



57.5393, 0.3029, 0.3090

Sweetspot

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



57.5419, 0.3355, 0.3443



95.8133, 0.3190, 0.3334



52.6354, 0.3242, 0.3098



20.3428, 0.3202, 0.3342



0.0000, 0.0000, 0.0000



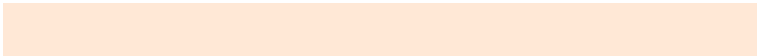
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5419, 0.3355, 0.3443



84.0822, 0.3403, 0.3473



64.2539, 0.3333, 0.3603



13.3253, 0.3280, 0.3395



13.8580, 0.5553, 0.3973



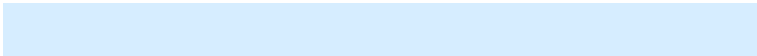
0.9996, 0.5260, 0.4206

Inverse Universe

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



56.3421, 0.2916, 0.3132



81.9802, 0.2876, 0.3100



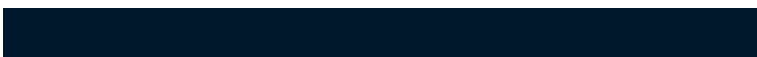
50.1004, 0.2911, 0.2956



13.1362, 0.2982, 0.3183



11.0295, 0.1824, 0.1768



0.8294, 0.1904, 0.2054

Previews

White Background



This preview shows how the Yxy color 57.5393, 0.3355, 0.3443 looks on a white background.

Color Contrast Check

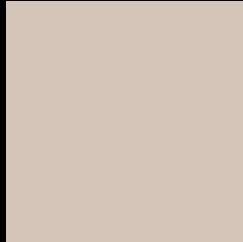
Large Text (above 18pt) WCAG AA × Fail

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 57.5393, 0.3355, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

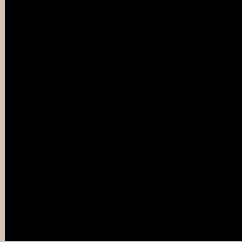
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

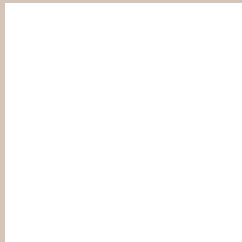
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5393, 0.3355, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 57.5393, 0.3355, 0.3443.



This preview shows how white text looks on a background with the Yxy color 57.5393, 0.3355, 0.3443.

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

57.5393, 0.3355, 0.3443

Protanopia

57.6150, 0.3295, 0.3457

Deuteranopia

57.6503, 0.3454, 0.3382



Tritanopia

57.3423, 0.3192, 0.3108

Trichromacy



Original Color

57.5393, 0.3355, 0.3443

Protanomaly

57.4463, 0.3313, 0.3445

Deuteranomaly

57.4585, 0.3419, 0.3395

Tritanomaly

57.2008, 0.3252, 0.3221

Monochromacy



Original Color

57.5393, 0.3355, 0.3443

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7210, 0.3211, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5393, 0.3355, 0.3443 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(213, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 197, 184)  
}
```

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(213, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 197, 184) }
```

Border

The CSS property to change the border of an element to Yxy 57.5393, 0.3355, 0.3443 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(213, 197, 184) }
```

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

```
.border{ border-color:rgb(213, 197, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 197, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 197, 184); box-shadow:4px 4px 4px 4px rgb(213, 197, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5393, 0.3355, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 197, 184) }
```

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

```
.background{ background-color: rgb(213,  
197, 184) }
```

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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