

Converting Colors

Yxy(55.1853, 0.3341, 0.3398)

Have a look what the booklet for
Yxy(55.1853, 0.3341, 0.3398)
contains.

Yxy(55.3023, 0.3336, 0.3398)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.3023, 0.3336, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	D2C1B8
RGB	210, 193, 184
RGB Percent	82%, 76%, 72%
CMY	0.1766, 0.2431, 0.2785
CMYK	0.00, 0.08, 0.12, 0.18
HSL	21°, 22%, 77%
HSV	21°, 12%, 82%
XYZ	54.2933, 55.3023, 53.1540
YIQ	197.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

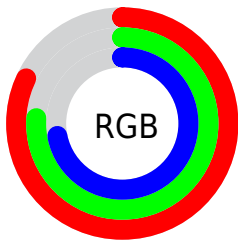
Format	Color
R _Y B	210, 198, 184
Decimal	13812152
CIE Lab	79.22, 4.45, 6.69
CIE LCh	79, 8.033, 56.325
Yxy	55.3023, 0.3336, 0.3398
Android (android.graphics.Color)	4292002232 (0xFFD2C1B8)
YUV	197.0570, -6.4371, 11.3510
Hunter-Lab	74.3655, 0.1808, 9.6773

Details

The Yxy color **55.3023, 0.3336, 0.3398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5898, 0.2937, 0.3180**, and the grayscale version is **55.9039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3026, 0.3219, 0.3377**, and **27.3634, 0.3387, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **48.7071, 0.3538, 0.3491**, and if you desaturate by 10%, it is **62.5946, 0.3164, 0.3310**.

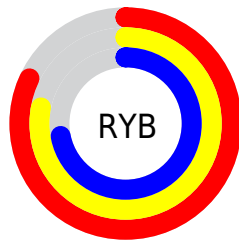
Distribution



Red (82%)

Green (76%)

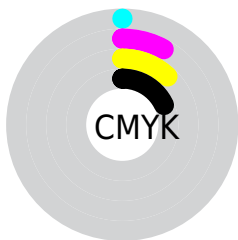
Blue (72%)



Red (82%)

Yellow (78%)

Blue (72%)

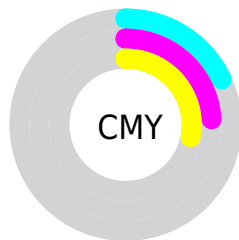


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3023, 0.3336, 0.3398 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 55.3023, 0.3336, 0.3398 by changing the saturation by 10% instead.


 55.3023, 0.3336,
0.3398

 55.3023, 0.3336,
0.3398

407.0568, 0.3234,
0.3346

 39.6438, 0.3361,
0.3410

 97.9837, 0.3300,
0.3380

 27.2609, 0.3392,
0.3426


125.7755, 0.3286,
0.3373

 17.7693, 0.3433,
0.3446

158.3804, 0.3274,
0.3367

 10.7845, 0.3489,
0.3472

196.1829, 0.3264,
0.3362

 5.9221, 0.3570,
0.3510

239.5674, 0.3255,
0.3357

 2.7978, 0.3697,
0.3566

288.9183, 0.3247,

 1.0271, 0.3973,

0.3353

0.3706

344.6200, 0.3240,
0.3350

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3023, 0.3336,
0.3398

55.3023, 0.3336,
0.3398

48.7071, 0.3538,
0.3491

62.5946, 0.3164,
0.3310

42.7807, 0.3774,
0.3587

70.5966, 0.3018,
0.3228

37.5035, 0.4047,
0.3681

79.3298, 0.2894,
0.3153

32.8524, 0.4355,
0.3766

87.9483, 0.2856,
0.3215

■ 28.8024, 0.4691,
0.3832

■ 92.4377, 0.2860,
0.3289

■ 25.3270, 0.5039,
0.3868

■ 22.3972, 0.5376,
0.3861

■ 19.9808, 0.5669,
0.3803

■ 18.4543, 0.5855,
0.3733

Harmonies

Analogous

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



55.3023, 0.3315, 0.3310



55.3023, 0.3336, 0.3398



55.3023, 0.3300, 0.3459

Triad

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



55.3023, 0.3336, 0.3398



55.3023, 0.3012, 0.3362



55.3023, 0.3035, 0.3111

Complementary

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



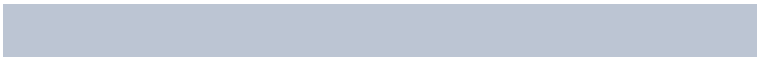
55.3023, 0.3336, 0.3398



56.5898, 0.2937, 0.3180

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.



55.3023, 0.2956, 0.3122



55.3023, 0.3336, 0.3398



55.3023, 0.2943, 0.3265

Square

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



55.3023, 0.3336, 0.3398



55.3023, 0.3112, 0.3440



55.3023, 0.2923, 0.3177



55.3023, 0.3140, 0.3147

Rectangle

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



55.3023, 0.3336, 0.3398



55.3023, 0.3249, 0.3475



55.3023, 0.2923, 0.3177



55.3023, 0.3005, 0.3110

Sweetspot

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



55.3047, 0.3336, 0.3398



95.1863, 0.3191, 0.3324



52.2063, 0.3209, 0.3086



20.1843, 0.3203, 0.3331



0.0000, 0.0000, 0.0000



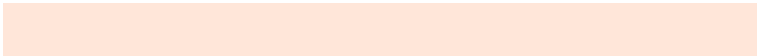
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3047, 0.3336, 0.3398



82.8707, 0.3389, 0.3424



61.1287, 0.3317, 0.3544



12.4702, 0.3282, 0.3371



11.4305, 0.5829, 0.3754



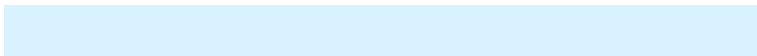
0.7860, 0.5473, 0.4036

Inverse Universe

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



56.5898, 0.2937, 0.3180



85.2673, 0.2893, 0.3153



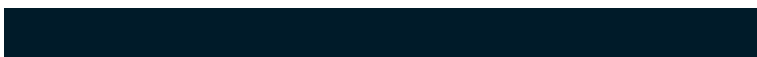
50.9445, 0.2933, 0.3022



12.6869, 0.2983, 0.3207



13.9557, 0.1922, 0.2120



0.9256, 0.1989, 0.2359

Previews

White Background



This preview shows how the Yxy color 55.3023, 0.3336, 0.3398 looks on a white background.

Color Contrast Check

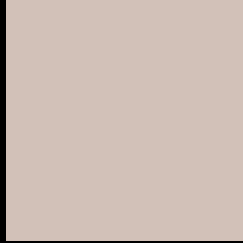
Large Text (above 18pt) WCAG AA × Fail

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 55.3023, 0.3336, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

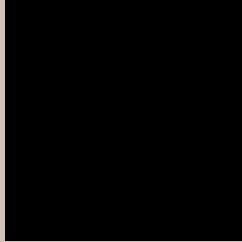
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

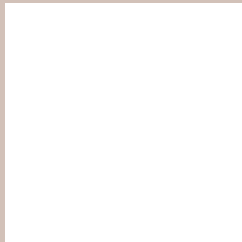
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3023, 0.3336, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 55.3023, 0.3336, 0.3398.



This preview shows how white text looks on a background with the Yxy color 55.3023, 0.3336, 0.3398.

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

55.3023, 0.3336, 0.3398

Protanopia

55.0896, 0.3259, 0.3412

Deuteranopia

55.5453, 0.3418, 0.3349



Tritanopia

55.3808, 0.3200, 0.3116

Trichromacy



Original Color

55.3023, 0.3336, 0.3398

Protanomaly

55.0655, 0.3285, 0.3399

Deuteranomaly

55.3633, 0.3382, 0.3361

Tritanomaly

55.2899, 0.3253, 0.3220

Monochromacy



Original Color

55.3023, 0.3336, 0.3398

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8422, 0.3205, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3023, 0.3336, 0.3398 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(210, 193, 184)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 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(210, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 184) }
```

Border

The CSS property to change the border of an element to Yxy 55.3023, 0.3336, 0.3398 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(210, 193, 184) }
```

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

```
.border{ border-color:rgb(210, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3023, 0.3336, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 184) }
```

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

```
.background{ background-color: rgb(210,  
193, 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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