

Converting Colors

Yxy(52.9618, 0.3264, 0.3414)

Have a look what the booklet for
Yxy(52.9618, 0.3264, 0.3414)
contains.

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Color

Yxy(53.1776, 0.3269, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	C7C0B5
RGB	199, 192, 181
RGB Percent	78%, 75%, 71%
CMY	0.2196, 0.2470, 0.2902
CMYK	0.00, 0.04, 0.09, 0.22
HSL	37°, 14%, 75%
HSV	37°, 9%, 78%
XYZ	50.7407, 53.1776, 51.2995
YIQ	192.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

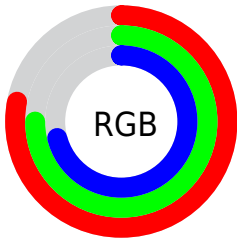
Format	Color
RYB	192, 199, 181
Decimal	13090997
CIELab	77.98, 0.53, 6.41
CIELCh	78, 6.430, 85.312
Yxy	53.1776, 0.3269, 0.3426
Android (android.graphics.Color)	4291281077 (0xFFC7C0B5)
YUV	192.8390, -5.8366, 5.4032
Hunter-Lab	72.9230, -3.4128, 9.3371

Details

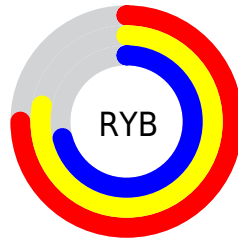
The Yxy color **53.1776, 0.3269, 0.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9006, 0.2988, 0.3150**, and the grayscale version is **53.2607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5092, 0.3238, 0.3397**, and **26.0435, 0.3308, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **49.1188, 0.3443, 0.3584**, and if you desaturate by 10%, it is **57.5356, 0.3113, 0.3276**.

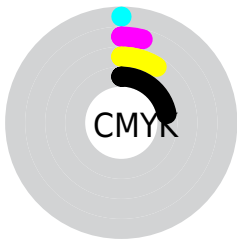
Distribution



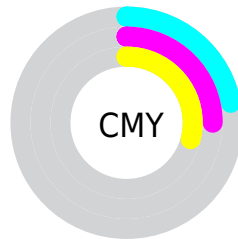
- Red (78%)
- Green (75%)
- Blue (71%)



- Red (75%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (22%)




- Cyan (22%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1776, 0.3269, 0.3426 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 53.1776, 0.3269, 0.3426 by changing the saturation by 10% instead.


 53.1776, 0.3269,
0.3426

 53.1776, 0.3269,
0.3426

398.9661, 0.3200,
0.3360

 37.9446, 0.3286,
0.3442

 94.8657, 0.3244,
0.3402

 25.9397, 0.3307,
0.3463


122.0895, 0.3235,
0.3393

 16.7785, 0.3336,
0.3489


154.0790, 0.3227,
0.3386

 10.0767, 0.3374,
0.3526

191.2186, 0.3220,
0.3379

 5.4498, 0.3430,
0.3579

233.8928, 0.3214,
0.3373

 2.5135, 0.3519,
0.3663

282.4858, 0.3208,

 0.8834, 0.3789,

0.3368

0.3927

337.3821, 0.3204,
0.3364

0.0000, 0.0000,
0.0000

53.1776, 0.3269,
0.3426

53.1776, 0.3269,
0.3426

49.1188, 0.3443,
0.3584

57.5356, 0.3113,
0.3276

45.3445, 0.3635,
0.3746

62.1930, 0.2974,
0.3136

41.8490, 0.3844,
0.3907

67.1592, 0.2852,
0.3005

38.6239, 0.4066,
0.4060

72.0757, 0.2774,
0.2942

35.6600, 0.4295,
0.4195

76.2925, 0.2780,
0.3027

■ 32.9474, 0.4521,
0.4300

■ 80.6997, 0.2787,
0.3112

■ 30.4752, 0.4733,
0.4364

■ 85.2997, 0.2793,
0.3195

■ 28.2310, 0.4919,
0.4379

■ 90.0950, 0.2799,
0.3276

■ 26.1958, 0.5074,
0.4346

■ 90.8811, 0.2800,
0.3289

Harmonies

Analogous

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



53.1776, 0.3296, 0.3376



53.1776, 0.3269, 0.3426



53.1776, 0.3203, 0.3440

Triad

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



53.1776, 0.3269, 0.3426



53.1776, 0.2979, 0.3273



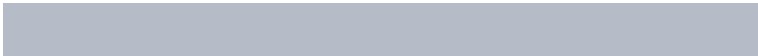
53.1776, 0.3135, 0.3172

Complementary

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



53.1776, 0.3269, 0.3426



49.9006, 0.2988, 0.3150

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.



53.1776, 0.3050, 0.3144



53.1776, 0.3269, 0.3426



53.1776, 0.2961, 0.3201

Square

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



53.1776, 0.3269, 0.3426



53.1776, 0.3036, 0.3351



53.1776, 0.2987, 0.3155



53.1776, 0.3218, 0.3230

Rectangle

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



53.1776, 0.3269, 0.3426



53.1776, 0.3147, 0.3426



53.1776, 0.2987, 0.3155



53.1776, 0.3105, 0.3159

Sweetspot

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



53.1799, 0.3269, 0.3426



97.6382, 0.3173, 0.3335



48.8235, 0.3224, 0.3201



20.7652, 0.3186, 0.3347



0.0000, 0.0000, 0.0000



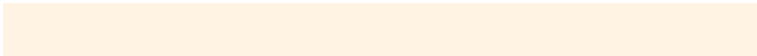
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1799, 0.3269, 0.3426



91.5761, 0.3304, 0.3459



56.0755, 0.3246, 0.3511



11.6993, 0.3275, 0.3431



16.9011, 0.5073, 0.4354



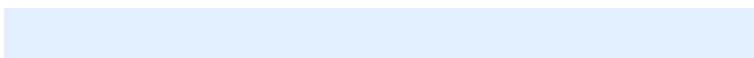
0.9378, 0.4843, 0.4537

Inverse Universe

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



49.9006, 0.2988, 0.3150



84.5936, 0.2955, 0.3115



47.2080, 0.3003, 0.3061



10.9510, 0.2983, 0.3145



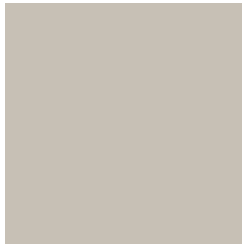
6.2409, 0.1679, 0.1244



0.4356, 0.1797, 0.1670

Previews

White Background



This preview shows how the Yxy color 53.1776, 0.3269, 0.3426 looks on a white background.

Color Contrast Check

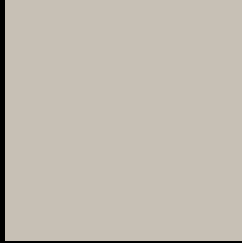
Large Text (above 18pt) WCAG AA × Fail

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 53.1776, 0.3269, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

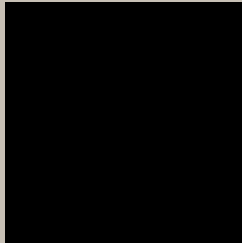
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

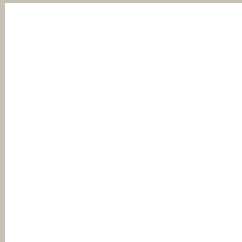
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1776, 0.3269, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 53.1776, 0.3269, 0.3426.

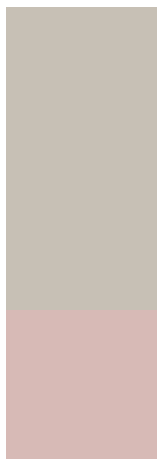


This preview shows how white text looks on a background with the Yxy color 53.1776, 0.3269, 0.3426.

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

53.1776, 0.3269, 0.3426

Protanopia

53.1776, 0.3269, 0.3426

Deuteranopia

52.9423, 0.3407, 0.3338



Tritanopia

53.2635, 0.3127, 0.3123

Trichromacy



Original Color

53.1776, 0.3269, 0.3426

Protanomaly

53.1776, 0.3269, 0.3426

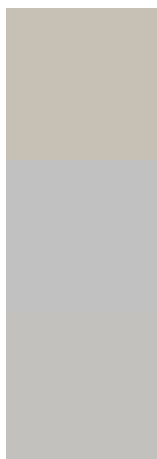
Deuteranomaly

52.8991, 0.3351, 0.3363

Tritanomaly

53.1845, 0.3179, 0.3230

Monochromacy



Original Color

53.1776, 0.3269, 0.3426

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4162, 0.3173, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1776, 0.3269, 0.3426 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(199, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 181)  
}
```

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(199, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.1776, 0.3269, 0.3426 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(199, 192, 181) }
```

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

```
.border{ border-color:rgb(199, 192, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1776, 0.3269, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 181) }
```

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

```
.background{ background-color: rgb(199,  
192, 181) }
```

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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