

Converting Colors

Yxy(54.9777, 0.3294, 0.3493)

Have a look what the booklet for
Yxy(54.9777, 0.3294, 0.3493)
contains.

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Color

Yxy(55.1520, 0.3296, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	C9C4B3
RGB	201, 196, 179
RGB Percent	79%, 77%, 70%
CMY	0.2117, 0.2314, 0.2981
CMYK	0.00, 0.02, 0.11, 0.21
HSL	46°, 17%, 75%
HSV	46°, 11%, 79%
XYZ	51.9671, 55.1520, 50.5481
YIQ	195.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

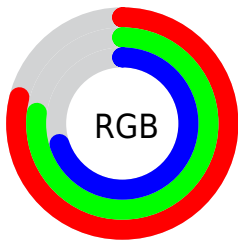
Format	Color
RYB	185, 201, 179
Decimal	13223091
CIELab	79.13, -1.19, 9.15
CIELCh	79, 9.229, 97.377
Yxy	55.1520, 0.3296, 0.3498
Android (android.graphics.Color)	4291413171 (0xFFC9C4B3)
YUV	195.5570, -8.1626, 4.7735
Hunter-Lab	74.2644, -5.0558, 11.6293

Details

The Yxy color **55.1520, 0.3296, 0.3498** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0863, 0.2957, 0.3073**, and the grayscale version is **54.9712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5087, 0.3246, 0.3464**, and **27.0554, 0.3345, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **52.3639, 0.3463, 0.3695**, and if you desaturate by 10%, it is **58.1267, 0.3141, 0.3308**.

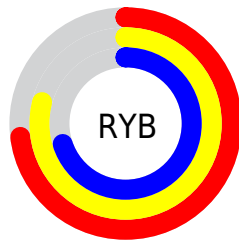
Distribution



Red (79%)

Green (77%)

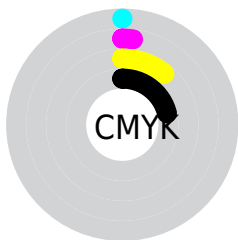
Blue (70%)



Red (73%)

Yellow (79%)

Blue (70%)

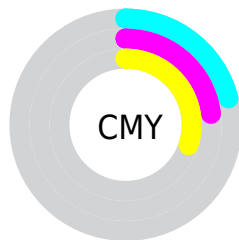


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (21%)



Cyan (21%)


Magenta (23%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1520, 0.3296, 0.3498 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 55.1520, 0.3296, 0.3498 by changing the saturation by 10% instead.


 55.1520, 0.3296,
0.3498

 55.1520, 0.3296,
0.3498


406.4878, 0.3214,
0.3397

 39.5234, 0.3316,
0.3523


 97.7636, 0.3267,
0.3462

 27.1672, 0.3341,
0.3554


125.5155, 0.3256,
0.3448

 17.6988, 0.3373,
0.3594

158.0772, 0.3246,
0.3436

 10.7340, 0.3417,
0.3650

195.8332, 0.3238,
0.3426

 5.8882, 0.3481,
0.3730

239.1679, 0.3231,
0.3417

 2.7772, 0.3578,
0.3855

288.4656, 0.3225,

 1.0166, 0.3876,

0.3410

0.4215

344.1108, 0.3219,
0.3403

0.0000, 0.0000,
0.0000

55.1520, 0.3296,
0.3498

55.1520, 0.3296,
0.3498

52.3639, 0.3463,
0.3695

58.1267, 0.3141,
0.3308

49.7493, 0.3639,
0.3895

61.2860, 0.3000,
0.3128

47.3048, 0.3821,
0.4091

64.6375, 0.2871,
0.2960

45.0238, 0.4003,
0.4273

67.8994, 0.2780,
0.2848

42.8992, 0.4179,
0.4432

70.2561, 0.2784,
0.2899

■ 40.9231, 0.4340,
0.4558

■ 72.6785, 0.2787,
0.2950

■ 39.0868, 0.4478,
0.4642

■ 75.1673, 0.2791,
0.3001

■ 37.3797, 0.4588,
0.4678

■ 77.7230, 0.2794,
0.3051

■ 35.9306, 0.4666,
0.4677

■ 80.3459, 0.2798,
0.3101

Harmonies

Analogous

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



55.1520, 0.3360, 0.3444



55.1520, 0.3296, 0.3498



55.1520, 0.3188, 0.3495

Triad

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



55.1520, 0.3296, 0.3498



55.1520, 0.2900, 0.3221



55.1520, 0.3187, 0.3153

Complementary

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



55.1520, 0.3296, 0.3498



48.0863, 0.2957, 0.3073

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.



55.1520, 0.3063, 0.3095



55.1520, 0.3296, 0.3498



55.1520, 0.2900, 0.3131

Square

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



55.1520, 0.3296, 0.3498



55.1520, 0.2960, 0.3332



55.1520, 0.2959, 0.3086



55.1520, 0.3296, 0.3246

Rectangle

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



55.1520, 0.3296, 0.3498



55.1520, 0.3105, 0.3460



55.1520, 0.2959, 0.3086



55.1520, 0.3146, 0.3128

Sweetspot

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



55.1544, 0.3296, 0.3498



98.4096, 0.3172, 0.3347



48.1228, 0.3277, 0.3227



20.9738, 0.3185, 0.3362



0.0000, 0.0000, 0.0000



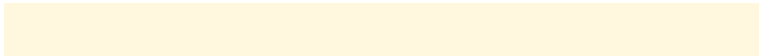
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1544, 0.3296, 0.3498



93.3194, 0.3332, 0.3541



56.6591, 0.3242, 0.3561



11.9911, 0.3271, 0.3467



22.7298, 0.4658, 0.4683



1.1796, 0.4542, 0.4775

Inverse Universe

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



48.0863, 0.2957, 0.3073



78.9894, 0.2921, 0.3025



46.7517, 0.3005, 0.3012



10.6732, 0.2983, 0.3106



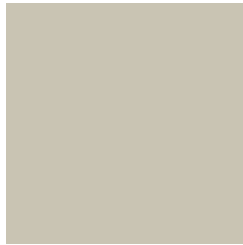
3.9870, 0.1572, 0.0859



0.3022, 0.1685, 0.1266

Previews

White Background



This preview shows how the Yxy color 55.1520, 0.3296, 0.3498 looks on a white background.

Color Contrast Check

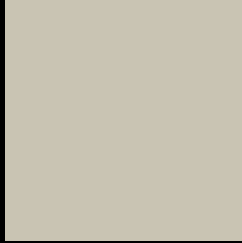
Large Text (above 18pt) WCAG AA × Fail

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 55.1520, 0.3296, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

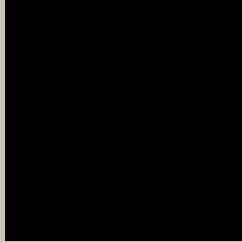
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

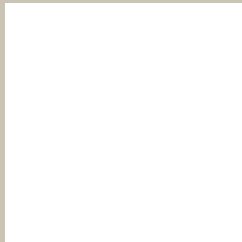
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1520, 0.3296, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 55.1520, 0.3296, 0.3498.



This preview shows how white text looks on a background with the Yxy color 55.1520, 0.3296, 0.3498.

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

55.1520, 0.3296, 0.3498

Protanopia

54.9814, 0.3314, 0.3485

Deuteranopia

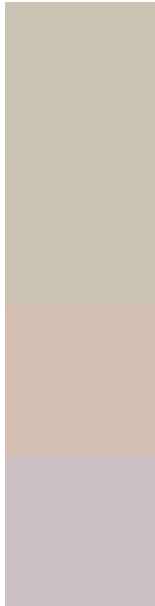
55.0626, 0.3469, 0.3396



Tritanopia

55.1834, 0.3119, 0.3113

Trichromacy



Original Color

55.1520, 0.3296, 0.3498

Protanomaly

54.8414, 0.3305, 0.3485

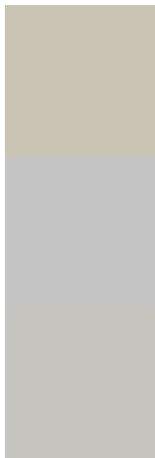
Deuteranomaly

55.2907, 0.3403, 0.3433

Tritanomaly

55.0085, 0.3186, 0.3242

Monochromacy



Original Color

55.1520, 0.3296, 0.3498

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2033, 0.3188, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1520, 0.3296, 0.3498 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(201, 196, 179)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 179)  
}
```

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(201, 196, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 179) }
```

Border

The CSS property to change the border of an element to Yxy 55.1520, 0.3296, 0.3498 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(201, 196, 179) }
```

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

```
.border{ border-color:rgb(201, 196, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 196, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 196, 179); box-shadow:4px 4px 4px 4px rgb(201, 196, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1520, 0.3296, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 179) }
```

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

```
.background{ background-color: rgb(201,  
196, 179) }
```

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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