

Converting Colors

Yxy(52.2037, 0.3309, 0.3559)

Have a look what the booklet for
Yxy(52.2037, 0.3309, 0.3559)
contains.

Yxy(52.1089, 0.3305, 0.3555)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.1089, 0.3305, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	C2C0AB
RGB	194, 192, 171
RGB Percent	76%, 75%, 67%
CMY	0.2393, 0.2470, 0.3295
CMYK	0.00, 0.01, 0.12, 0.24
HSL	55°, 16%, 72%
HSV	55°, 12%, 76%
XYZ	48.4444, 52.1089, 46.0259
YIQ	190.2040, 7.9330, -6.1070

Conversions

Conversions Part 2

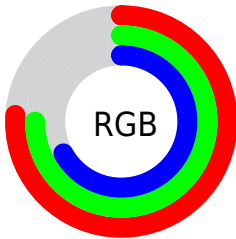
Format	Color
RYB	173, 194, 171
Decimal	12763307
CIELab	77.35, -2.96, 10.84
CIELCh	77, 11.238, 105.249
Yxy	52.1089, 0.3305, 0.3555
Android (android.graphics.Color)	4290953387 (0xFFC2C0AB)
YUV	190.2040, -9.4676, 3.3291
Hunter-Lab	72.1865, -6.5349, 12.7274

Details

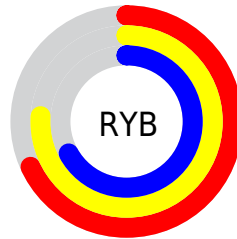
The Yxy color $52.1089, 0.3305, 0.3555$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.4235, 0.2942, 0.3010$, and the grayscale version is $51.6679, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1350, 0.3279, 0.3507$, and $25.3726, 0.3346, 0.3631$ is the 20% darker color. If you saturate the color by 10%, you get $50.6977, 0.3462, 0.3785$, and if you desaturate by 10%, it is $53.6416, 0.3154, 0.3331$.

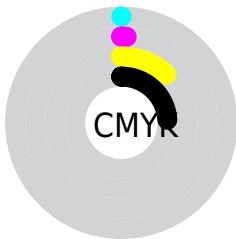
Distribution



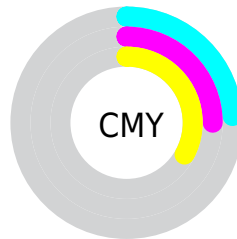
- Red (76%)
- Green (75%)
- Blue (67%)



- Red (68%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1089, 0.3305, 0.3555 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 52.1089, 0.3305, 0.3555 by changing the saturation by 10% instead.


 52.1089, 0.3305,
0.3555

 52.1089, 0.3305,
0.3555


394.8569, 0.3218,
0.3424

 37.0919, 0.3326,
0.3587


 93.2918, 0.3274,
0.3508

 25.2786, 0.3353,
0.3628


120.2265, 0.3262,
0.3490

 16.2848, 0.3388,
0.3682


151.9026, 0.3252,
0.3475

 9.7259, 0.3435,
0.3757

188.7044, 0.3243,
0.3462

 5.2176, 0.3503,
0.3866

231.0163, 0.3236,
0.3451

 2.3755, 0.3609,
0.4041

279.2228, 0.3229,

 0.8132, 0.4269,

0.3441

0.4954

333.7082, 0.3223,
0.3432

0.0000, 0.0000,
0.0000

52.1089, 0.3305,
0.3555

52.1089, 0.3305,
0.3555

50.6977, 0.3462,
0.3785

53.6416, 0.3154,
0.3331

49.3962, 0.3621,
0.4015

55.2932, 0.3012,
0.3116

48.2019, 0.3778,
0.4236

57.0704, 0.2880,
0.2915

47.1090, 0.3926,
0.4439

58.9770, 0.2759,
0.2729

46.1116, 0.4059,
0.4615

60.1524, 0.2722,
0.2683

■ 45.2029, 0.4172,
0.4755

■ 60.9298, 0.2724,
0.2702

■ 44.3753, 0.4259,
0.4853

■ 61.7156, 0.2725,
0.2721

■ 43.6195, 0.4319,
0.4907

■ 62.5098, 0.2727,
0.2740

■ 43.0428, 0.4353,
0.4926

■ 63.3125, 0.2729,
0.2759

Harmonies

Analogous

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



52.1089, 0.3402, 0.3504



52.1089, 0.3305, 0.3555



52.1089, 0.3161, 0.3532

Triad

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



52.1089, 0.3305, 0.3555



52.1089, 0.2839, 0.3170



52.1089, 0.3240, 0.3147

Complementary

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



52.1089, 0.3305, 0.3555



42.4235, 0.2942, 0.3010

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.



52.1089, 0.3087, 0.3062



52.1089, 0.3305, 0.3555



52.1089, 0.2858, 0.3072

Square

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



52.1089, 0.3305, 0.3555



52.1089, 0.2894, 0.3305



52.1089, 0.2948, 0.3034



52.1089, 0.3365, 0.3269

Rectangle

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



52.1089, 0.3305, 0.3555



52.1089, 0.3060, 0.3477



52.1089, 0.2948, 0.3034



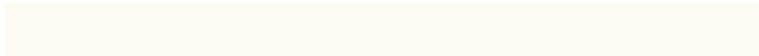
52.1089, 0.3190, 0.3114

Sweetspot

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



52.1112, 0.3305, 0.3555



96.5708, 0.3187, 0.3379



43.6168, 0.3318, 0.3261



21.1006, 0.3198, 0.3396



0.0000, 0.0000, 0.0000



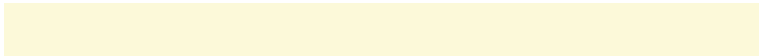
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1112, 0.3305, 0.3555



93.8036, 0.3342, 0.3609



51.8045, 0.3225, 0.3586



11.6056, 0.3267, 0.3498



28.3642, 0.4350, 0.4928



1.2698, 0.4311, 0.4959

Inverse Universe

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



42.4235, 0.2942, 0.3010



73.0855, 0.2902, 0.2949



42.7412, 0.3020, 0.2991



9.8839, 0.2983, 0.3073



2.8694, 0.1518, 0.0664



0.1724, 0.1579, 0.0886

Previews

White Background



This preview shows how the Yxy color 52.1089, 0.3305, 0.3555 looks on a white background.

Color Contrast Check

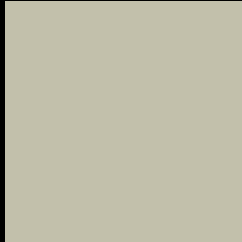
Large Text (above 18pt) WCAG AA × Fail

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 52.1089, 0.3305, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

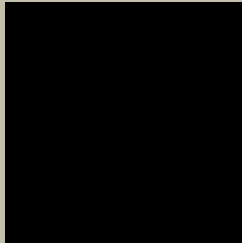
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1089, 0.3305, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 52.1089, 0.3305, 0.3555.



This preview shows how white text looks on a background with the Yxy color 52.1089, 0.3305, 0.3555.

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

52.1089, 0.3305, 0.3555

Protanopia

51.8713, 0.3359, 0.3540

Deuteranopia

51.8970, 0.3495, 0.3422



Tritanopia

51.8107, 0.3103, 0.3108

Trichromacy



Original Color

52.1089, 0.3305, 0.3555

Protanomaly

52.0342, 0.3340, 0.3553

Deuteranomaly

51.9291, 0.3426, 0.3473

Tritanomaly

52.0271, 0.3178, 0.3266

Monochromacy



Original Color

52.1089, 0.3305, 0.3555

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7569, 0.3188, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1089, 0.3305, 0.3555 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(194, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 171)  
}
```

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(194, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 171) }
```

Border

The CSS property to change the border of an element to Yxy 52.1089, 0.3305, 0.3555 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(194, 192, 171) }
```

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

```
.border{ border-color:rgb(194, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1089, 0.3305, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 171) }
```

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

```
.background{ background-color: rgb(194,  
192, 171) }
```

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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