

Converting Colors

Yxy(55.2447, 0.3221, 0.3444)

Have a look what the booklet for
Yxy(55.2447, 0.3221, 0.3444)
contains.

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Color

Yxy(55.2635, 0.3224, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	C5C5B8
RGB	197, 197, 184
RGB Percent	77%, 77%, 72%
CMY	0.2274, 0.2274, 0.2785
CMYK	0.00, 0.00, 0.07, 0.23
HSL	60°, 10%, 75%
HSV	60°, 7%, 77%
XYZ	51.6433, 55.2635, 53.2772
YIQ	195.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

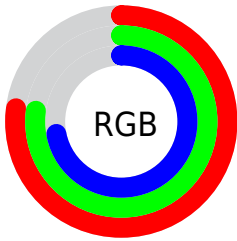
Format	Color
RYB	184, 197, 184
Decimal	12961208
CIELab	79.19, -2.31, 6.53
CIELCh	79, 6.923, 109.511
Yxy	55.2635, 0.3224, 0.3450
Android (android.graphics.Color)	4291151288 (0xFFC5C5B8)
YUV	195.5180, -5.6784, 1.2997
Hunter-Lab	74.3394, -6.0907, 9.5459

Details

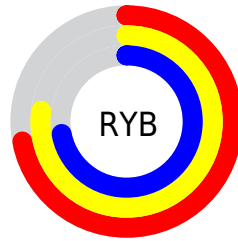
The Yxy color $55.2635, 0.3224, 0.3450$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.4910, 0.3027, 0.3125$, and the grayscale version is $54.9321, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2457, 0.3209, 0.3425$, and $27.1233, 0.3247, 0.3489$ is the 20% darker color. If you saturate the color by 10%, you get $54.4930, 0.3374, 0.3698$, and if you desaturate by 10%, it is $56.1539, 0.3079, 0.3210$.

Distribution



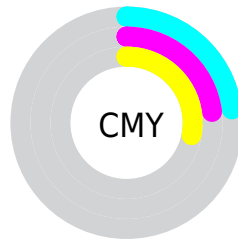
- Red (77%)
- Green (77%)
- Blue (72%)



- Red (72%)
- Yellow (77%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)





- Cyan (23%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2635, 0.3224, 0.3450 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 55.2635, 0.3224, 0.3450 by changing the saturation by 10% instead.

 55.2635, 0.3224,
0.3450

 55.2635, 0.3224,
0.3450


406.9100, 0.3177,
0.3372

 39.6127, 0.3235,
0.3469


 97.9269, 0.3207,
0.3422

 27.2367, 0.3249,
0.3493


125.7084, 0.3201,
0.3411

 17.7511, 0.3268,
0.3525


158.3021, 0.3196,
0.3402

 10.7714, 0.3293,
0.3568

196.0926, 0.3191,
0.3395

 5.9134, 0.3329,
0.3630

239.4643, 0.3187,
0.3388

 2.7925, 0.3385,
0.3729

288.8015, 0.3183,

 1.0244, 0.3525,

0.3382

0.3957

344.4886, 0.3180,
0.3377

0.0000, 0.0000,
0.0000

55.2635, 0.3224,
0.3450

55.2635, 0.3224,
0.3450

54.4930, 0.3374,
0.3698

56.1539, 0.3079,
0.3210

53.8303, 0.3525,
0.3947

57.1614, 0.2941,
0.2982

53.2730, 0.3672,
0.4190

58.2927, 0.2812,
0.2770

52.8155, 0.3809,
0.4417

59.0405, 0.2739,
0.2649

52.4519, 0.3931,
0.4619

59.0441, 0.2739,
0.2649

■ 52.1756, 0.4033,
0.4786

■ 59.0477, 0.2739,
0.2649

■ 51.9792, 0.4110,
0.4913

■ 59.0512, 0.2739,
0.2649

■ 51.8541, 0.4161,
0.4998

■ 59.0548, 0.2739,
0.2649

■ 51.7889, 0.4187,
0.5041

■ 59.0583, 0.2739,
0.2649

Harmonies

Analogous

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



55.2635, 0.3287, 0.3427



55.2635, 0.3224, 0.3450



55.2635, 0.3135, 0.3429

Triad

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



55.2635, 0.3224, 0.3450



55.2635, 0.2951, 0.3209



55.2635, 0.3208, 0.3213

Complementary

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



55.2635, 0.3224, 0.3450



48.4910, 0.3027, 0.3125

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.



55.2635, 0.3117, 0.3156



55.2635, 0.3224, 0.3450



55.2635, 0.2969, 0.3153

Square

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



55.2635, 0.3224, 0.3450



55.2635, 0.2978, 0.3288



55.2635, 0.3030, 0.3134



55.2635, 0.3278, 0.3289

Rectangle

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



55.2635, 0.3224, 0.3450



55.2635, 0.3074, 0.3393



55.2635, 0.3030, 0.3134



55.2635, 0.3179, 0.3191

Sweetspot

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



55.2659, 0.3224, 0.3450



99.6746, 0.3157, 0.3339



49.6105, 0.3236, 0.3288



21.3379, 0.3155, 0.3336



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.



55.2659, 0.3224, 0.3450



98.7499, 0.3246, 0.3487



54.4353, 0.3173, 0.3453



12.4163, 0.3265, 0.3518



34.0501, 0.4194, 0.5052



1.6125, 0.4194, 0.5052

Inverse Universe

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



48.4910, 0.3027, 0.3125



84.0067, 0.3003, 0.3085



49.2843, 0.3079, 0.3127



10.2882, 0.2983, 0.3051



2.6529, 0.1500, 0.0600



0.1259, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 55.2635, 0.3224, 0.3450 looks on a white background.

Color Contrast Check

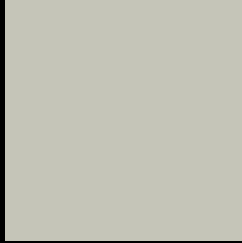
Large Text (above 18pt) WCAG AA × Fail

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 55.2635, 0.3224, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

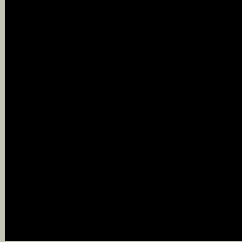
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

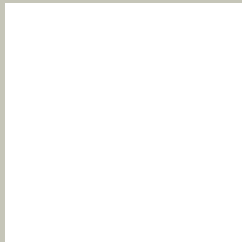
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2635, 0.3224, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 55.2635, 0.3224, 0.3450.



This preview shows how white text looks on a background with the Yxy color 55.2635, 0.3224, 0.3450.

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

55.2635, 0.3224, 0.3450

Protanopia

55.1456, 0.3283, 0.3436

Deuteranopia

54.9580, 0.3411, 0.3337



Tritanopia

55.1609, 0.3073, 0.3100

Trichromacy



Original Color

55.2635, 0.3224, 0.3450

Protanomaly

55.3163, 0.3265, 0.3448

Deuteranomaly

55.0509, 0.3338, 0.3374

Tritanomaly

55.0331, 0.3131, 0.3218

Monochromacy



Original Color

55.2635, 0.3224, 0.3450

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0214, 0.3157, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2635, 0.3224, 0.3450 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(197, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 197, 184) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 55.2635, 0.3224, 0.3450 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(197, 197, 184) }
```

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

```
.border{ border-color:rgb(197, 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(197, 197, 184)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 55.2635, 0.3224, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(197,  
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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