

Converting Colors

$Yxy(55.6853, 0.3264, 0.3458)$

Have a look what the booklet for
Yxy(55.6853, 0.3264, 0.3458)
contains.

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Color

Yxy(55.7689, 0.3264, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	C9C5B7
RGB	201, 197, 183
RGB Percent	79%, 77%, 72%
CMY	0.2116, 0.2275, 0.2823
CMYK	0.00, 0.02, 0.09, 0.21
HSL	47°, 14%, 75%
HSV	47°, 9%, 79%
XYZ	52.6097, 55.7689, 52.8032
YIQ	196.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

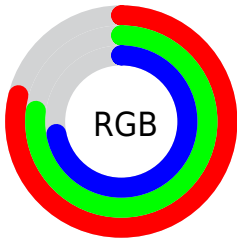
Format	Color
RYB	188, 201, 183
Decimal	13223351
CIELab	79.48, -1.03, 7.49
CIELCh	79, 7.563, 97.826
Yxy	55.7689, 0.3264, 0.3460
Android (android.graphics.Color)	4291413431 (0xFFC9C5B7)
YUV	196.6000, -6.7048, 3.8588
Hunter-Lab	74.6786, -4.9374, 10.3527

Details

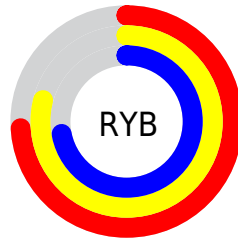
The Yxy color $55.7689, 0.3264, 0.3460$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.8580, 0.2990, 0.3114$, and the grayscale version is $55.6240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.3756, 0.3221, 0.3435$, and $27.4597, 0.3302, 0.3503$ is the 20% darker color. If you saturate the color by 10%, you get $52.9738, 0.3428, 0.3657$, and if you desaturate by 10%, it is $58.7498, 0.3112, 0.3271$.

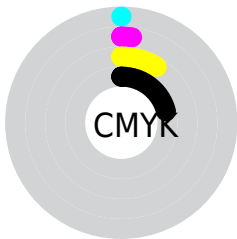
Distribution



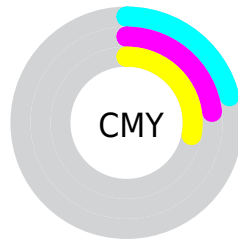
- Red (79%)
- Green (77%)
- Blue (72%)



- Red (74%)
- Yellow (79%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7689, 0.3264, 0.3460 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 55.7689, 0.3264, 0.3460 by changing the saturation by 10% instead.


 55.7689, 0.3264,
0.3460

 55.7689, 0.3264,
0.3460


408.8200, 0.3198,
0.3377

 40.0177, 0.3280,
0.3480


 98.6666, 0.3240,
0.3430

 27.5523, 0.3300,
0.3505


126.5819, 0.3231,
0.3419

 17.9885, 0.3326,
0.3538


159.3206, 0.3224,
0.3410

 10.9417, 0.3362,
0.3583

197.2672, 0.3217,
0.3401

 6.0276, 0.3413,
0.3648

240.8060, 0.3211,
0.3394

 2.8619, 0.3492,
0.3749

290.3215, 0.3206,

 1.0601, 0.3684,

0.3388

0.3987

346.1980, 0.3202,
0.3382

0.0000, 0.0000,
0.0000

55.7689, 0.3264,
0.3460

55.7689, 0.3264,
0.3460

52.9738, 0.3428,
0.3657

58.7498, 0.3112,
0.3271

50.3517, 0.3602,
0.3858

61.9145, 0.2973,
0.3092

47.8991, 0.3783,
0.4055

65.2704, 0.2847,
0.2926

45.6095, 0.3965,
0.4242

68.2668, 0.2781,
0.2856

43.4760, 0.4141,
0.4407

70.5980, 0.2784,
0.2907

41.4910, 0.4305,
0.4541

72.9930, 0.2788,
0.2957

39.6459, 0.4447,
0.4634

75.4525, 0.2791,
0.3006

37.9306, 0.4562,
0.4680

77.9768, 0.2795,
0.3056

36.3288, 0.4649,
0.4684

80.5666, 0.2798,
0.3105

Harmonies

Analogous

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



55.7689, 0.3316, 0.3418



55.7689, 0.3264, 0.3460



55.7689, 0.3175, 0.3456

Triad

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



55.7689, 0.3264, 0.3460



55.7689, 0.2941, 0.3233



55.7689, 0.3178, 0.3178

Complementary

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



55.7689, 0.3264, 0.3460



49.8580, 0.2990, 0.3114

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.



55.7689, 0.3077, 0.3130



55.7689, 0.3264, 0.3460



55.7689, 0.2941, 0.3160

Square

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



55.7689, 0.3264, 0.3460



55.7689, 0.2989, 0.3323



55.7689, 0.2991, 0.3123



55.7689, 0.3266, 0.3255

Rectangle

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



55.7689, 0.3264, 0.3460



55.7689, 0.3108, 0.3427



55.7689, 0.2991, 0.3123



55.7689, 0.3144, 0.3158

Sweetspot

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



55.7713, 0.3264, 0.3460



98.4261, 0.3172, 0.3347



49.8966, 0.3247, 0.3239



20.9783, 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.



55.7713, 0.3264, 0.3460



94.3709, 0.3299, 0.3503



56.9771, 0.3221, 0.3511



11.9974, 0.3271, 0.3468



22.8730, 0.4650, 0.4690



1.1853, 0.4536, 0.4780

Inverse Universe

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



49.8580, 0.2990, 0.3114



81.9608, 0.2954, 0.3068



48.7646, 0.3028, 0.3065



10.6673, 0.2983, 0.3105



3.9524, 0.1570, 0.0853



0.2995, 0.1683, 0.1257

Previews

White Background



This preview shows how the Yxy color 55.7689, 0.3264, 0.3460 looks on a white background.

Color Contrast Check

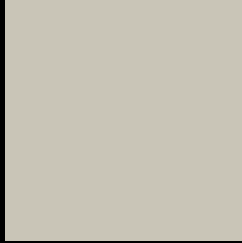
Large Text (above 18pt) WCAG AA × Fail

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 55.7689, 0.3264, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

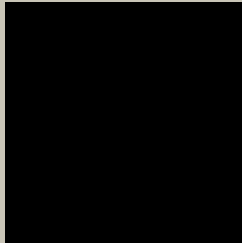
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

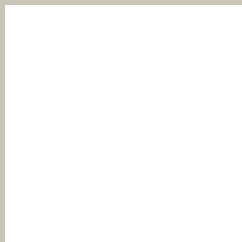
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7689, 0.3264, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 55.7689, 0.3264, 0.3460.



This preview shows how white text looks on a background with the Yxy color 55.7689, 0.3264, 0.3460.

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

55.7689, 0.3264, 0.3460

Protanopia

55.7361, 0.3290, 0.3447

Deuteranopia

55.6598, 0.3434, 0.3360



Tritanopia

55.6731, 0.3112, 0.3114

Trichromacy



Original Color

55.7689, 0.3264, 0.3460

Protanomaly

55.5953, 0.3282, 0.3448

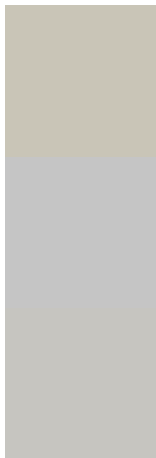
Deuteranomaly

55.8968, 0.3370, 0.3397

Tritanomaly

55.5445, 0.3170, 0.3231

Monochromacy



Original Color

55.7689, 0.3264, 0.3460

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.7440, 0.3172, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7689, 0.3264, 0.3460 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, 197, 183)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 183)  
}
```

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, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 183) }
```

Border

The CSS property to change the border of an element to Yxy 55.7689, 0.3264, 0.3460 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, 197, 183) }
```

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

```
.border{ border-color:rgb(201, 197, 183) }
```

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

Here you see how a box with a 4 pixel rgb(201, 197, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7689, 0.3264, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 183) }
```

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

```
.background{ background-color: rgb(201,  
197, 183) }
```

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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