

Converting Colors

Yxy(54.4594, 0.3224, 0.3463)

Have a look what the booklet for
Yxy(54.4594, 0.3224, 0.3463)
contains.

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Color

Yxy(54.4594, 0.3224, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	C3C4B6
RGB	195, 196, 182
RGB Percent	76%, 77%, 71%
CMY	0.2351, 0.2314, 0.2862
CMYK	0.00, 0.00, 0.07, 0.23
HSL	64°, 11%, 74%
HSV	64°, 7%, 77%
XYZ	50.7009, 54.4594, 52.1005
YIQ	194.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

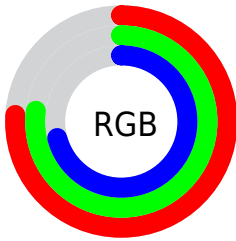
Format	Color
RYB	182, 196, 183
Decimal	12829878
CIELab	78.73, -2.81, 6.89
CIElCh	79, 7.445, 112.172
Yxy	54.4594, 0.3224, 0.3463
Android (android.graphics.Color)	4291019958 (0xFFC3C4B6)
YUV	194.1050, -5.9678, 0.7849
Hunter-Lab	73.7966, -6.5083, 9.7988

Details

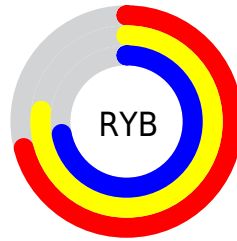
The Yxy color **54.4594, 0.3224, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5051, 0.3027, 0.3112**, and the grayscale version is **54.0545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1191, 0.3209, 0.3436**, and **26.5937, 0.3247, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **53.5344, 0.3363, 0.3713**, and if you desaturate by 10%, it is **55.5041, 0.3089, 0.3222**.

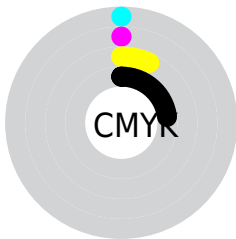
Distribution



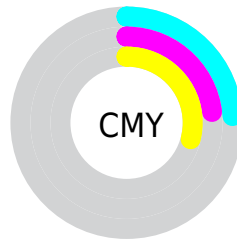
- Red (76%)
- Green (77%)
- Blue (71%)



- Red (71%)
- Yellow (77%)
- Blue (72%)



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



- Cyan (24%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4594, 0.3224, 0.3463 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 54.4594, 0.3224, 0.3463 by changing the saturation by 10% instead.

■ 54.4594, 0.3224,
0.3463

■ 54.4594, 0.3224,
0.3463

403.8594, 0.3177,
0.3378

■ 38.9691, 0.3235,
0.3484

■ 96.7484, 0.3207,
0.3433

■ 26.7357, 0.3250,
0.3510

124.3159, 0.3201,
0.3421

■ 17.3748, 0.3268,
0.3544

156.6779, 0.3195,
0.3411

■ 10.5021, 0.3293,
0.3592

194.2189, 0.3191,
0.3403

■ 5.7331, 0.3330,
0.3661

237.3231, 0.3187,
0.3395

■ 2.6835, 0.3386,
0.3770

286.3750, 0.3183,

■ 0.9688, 0.3558,

0.3389

0.4055

341.7590, 0.3180,
0.3383

0.0000, 0.0000,
0.0000

54.4594, 0.3224,
0.3463

54.4594, 0.3224,
0.3463

53.5344, 0.3363,
0.3713

55.5041, 0.3089,
0.3222

52.7173, 0.3502,
0.3967

56.6657, 0.2960,
0.2995

52.0054, 0.3636,
0.4216

57.9509, 0.2840,
0.2783

51.3933, 0.3761,
0.4452

59.0105, 0.2760,
0.2641

50.8752, 0.3870,
0.4664

59.1909, 0.2769,
0.2643

■ 50.4444, 0.3959,
0.4843

■ 59.3729, 0.2778,
0.2644

■ 50.0937, 0.4023,
0.4983

■ 59.5564, 0.2787,
0.2646

■ 49.8144, 0.4061,
0.5078

■ 59.7414, 0.2796,
0.2648

■ 49.5948, 0.4075,
0.5132

■ 59.9280, 0.2805,
0.2649

Harmonies

Analogous

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



54.4594, 0.3296, 0.3442



54.4594, 0.3224, 0.3463



54.4594, 0.3127, 0.3436

Triad

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



54.4594, 0.3224, 0.3463



54.4594, 0.2936, 0.3195



54.4594, 0.3223, 0.3213

Complementary

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



54.4594, 0.3224, 0.3463



47.5051, 0.3027, 0.3112

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.



54.4594, 0.3125, 0.3150



54.4594, 0.3224, 0.3463



54.4594, 0.2961, 0.3138

Square

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



54.4594, 0.3224, 0.3463



54.4594, 0.2962, 0.3280



54.4594, 0.3029, 0.3122



54.4594, 0.3295, 0.3297

Rectangle

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



54.4594, 0.3224, 0.3463



54.4594, 0.3062, 0.3395



54.4594, 0.3029, 0.3122



54.4594, 0.3192, 0.3189

Sweetspot

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



54.4618, 0.3224, 0.3463



99.6116, 0.3154, 0.3339



48.8592, 0.3247, 0.3299



21.3251, 0.3153, 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.



54.4618, 0.3224, 0.3463



98.3209, 0.3252, 0.3513



53.5814, 0.3169, 0.3466



11.7232, 0.3255, 0.3518



31.8490, 0.4079, 0.5143



1.3865, 0.4106, 0.5122

Inverse Universe

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



47.5051, 0.3027, 0.3112



82.3820, 0.2997, 0.3059



48.3535, 0.3083, 0.3115



9.7792, 0.2993, 0.3053



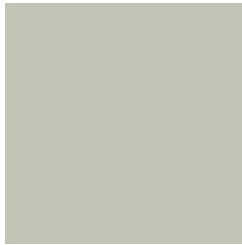
2.6298, 0.1524, 0.0613



0.1249, 0.1612, 0.0662

Previews

White Background



This preview shows how the Yxy color 54.4594, 0.3224, 0.3463 looks on a white background.

Color Contrast Check

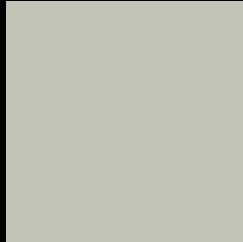
Large Text (above 18pt) WCAG AA × Fail

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 54.4594, 0.3224, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

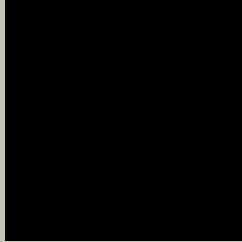
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

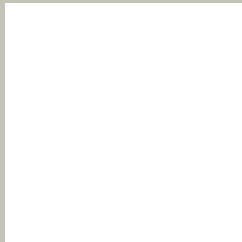
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4594, 0.3224, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 54.4594, 0.3224, 0.3463.



This preview shows how white text looks on a background with the Yxy color 54.4594, 0.3224, 0.3463.

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

54.4594, 0.3224, 0.3463

Protanopia

54.3373, 0.3283, 0.3449

Deuteranopia

54.3326, 0.3412, 0.3338



Tritanopia

54.3464, 0.3072, 0.3111

Trichromacy



Original Color

54.4594, 0.3224, 0.3463

Protanomaly

54.5085, 0.3265, 0.3462

Deuteranomaly

54.3821, 0.3347, 0.3386

Tritanomaly

54.2229, 0.3130, 0.3230

Monochromacy



Original Color

54.4594, 0.3224, 0.3463

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2173, 0.3156, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4594, 0.3224, 0.3463 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(195, 196, 182)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 182)  
}
```

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(195, 196, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 182) }
```

Border

The CSS property to change the border of an element to Yxy 54.4594, 0.3224, 0.3463 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(195, 196, 182) }
```

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

```
.border{ border-color:rgb(195, 196, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 182);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4594, 0.3224, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 182) }
```

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

```
.background{ background-color: rgb(195,  
196, 182) }
```

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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