

Converting Colors

$Y_{xy}(22.0467, 0.4525, 0.3291)$

Have a look what the booklet for
Yxy(22.0467, 0.4525, 0.3291)
contains.

Yxy(21.9859, 0.4524, 0.3281)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.9859, 0.4524, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	C76364
RGB	199, 99, 100
RGB Percent	78%, 39%, 39%
CMY	0.2196, 0.6117, 0.6077
CMYK	0.00, 0.50, 0.50, 0.22
HSL	359°, 47%, 58%
HSV	359°, 50%, 78%
XYZ	30.3152, 21.9859, 14.7086
YIQ	129.0140, 59.2790, 21.5110

Conversions

Conversions Part 2

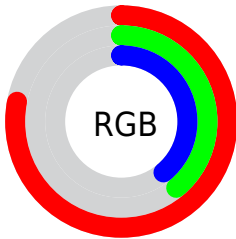
Format	Color
R_{YB}	199, 99, 100
Decimal	13067108
CIE _{Lab}	54.01, 39.84, 18.09
CIE _{LCh}	54, 43.759, 24.419
Yxy	21.9859, 0.4524, 0.3281
Android (android.graphics.Color)	4291257188 (0xFFC76364)
YUV	129.0140, -14.3039, 61.3777
Hunter-Lab	46.8891, 33.3496, 14.2237

Details

The Yxy color **21.9859, 0.4524, 0.3281** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.5736, 0.2483, 0.3303**, and the grayscale version is **21.9952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9508, 0.4174, 0.3304**, and **8.0337, 0.5080, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **18.3330, 0.4978, 0.3281**, and if you desaturate by 10%, it is **26.6622, 0.4125, 0.3282**.

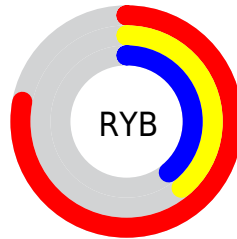
Distribution



Red (78%)

Green (39%)

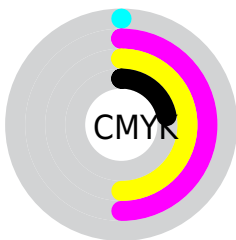
Blue (39%)



Red (78%)

Yellow (39%)

Blue (39%)

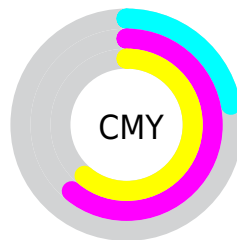


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (22%)



Cyan (22%)


Magenta (61%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9859, 0.4524, 0.3281 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 21.9859, 0.4524, 0.3281 by changing the saturation by 10% instead.


 21.9859, 0.4524,
0.3281


 21.9859, 0.4524,
0.3281


262.4726, 0.3733,
0.3319


 13.8465, 0.4754,
0.3255


 46.7227, 0.4213,
0.3306


 8.0140, 0.5070,
0.3207


 64.0889, 0.4103,
0.3311

 4.1039, 0.5523,
0.3115

 85.2995, 0.4013,
0.3315

 1.7319, 0.6308,
0.2966

 110.7390, 0.3939,
0.3317

 0.4442, 0.7744,
0.2256

140.7916, 0.3875,
0.3318

 0.0000, 1.0000,
0.0000


175.8418, 0.3821,


 0.0000, 0.0000,


0.3319


0.0000


216.2740, 0.3774,
0.3319


 21.9859, 0.4524,
0.3281

 21.9859, 0.4524,
0.3281


 18.3330, 0.4978,
0.3281


 26.6622, 0.4125,
0.3282


 15.6237, 0.5454,
0.3283

 32.4269, 0.3792,
0.3284


 13.7724, 0.5891,
0.3286

 39.3438, 0.3522,
0.3286

 12.6761, 0.6213,
0.3291

 47.4707, 0.3305,
0.3288

 12.1458, 0.6391,
0.3294

 56.8615, 0.3131,
0.3290

■ 67.5669, 0.2992,
0.3292

■ 79.6348, 0.2880,
0.3294

■ 90.8814, 0.2800,
0.3289

Harmonies

Analogous

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



21.9859, 0.3921, 0.2753



21.9859, 0.4524, 0.3281



21.9859, 0.4672, 0.3855

Triad

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



21.9859, 0.4524, 0.3281



21.9859, 0.2982, 0.4572



21.9859, 0.1957, 0.2148

Complementary

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



21.9859, 0.4524, 0.3281



47.5736, 0.2483, 0.3303

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.



21.9859, 0.1782, 0.2443



21.9859, 0.4524, 0.3281



21.9859, 0.2314, 0.3886

Square

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



21.9859, 0.4524, 0.3281



21.9859, 0.3730, 0.4724



21.9859, 0.1897, 0.3052



21.9859, 0.2411, 0.2130

Rectangle

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



21.9859, 0.4524, 0.3281



21.9859, 0.4505, 0.4226



21.9859, 0.1897, 0.3052



21.9859, 0.1867, 0.2213

Sweetspot

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



21.9871, 0.4524, 0.3281



75.7739, 0.3407, 0.3287



24.9630, 0.3165, 0.2086



15.5777, 0.3454, 0.3286



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.



21.9871, 0.4524, 0.3281



31.7532, 0.5008, 0.3281



34.0140, 0.4183, 0.3920



10.6387, 0.3288, 0.3288



7.8113, 0.6388, 0.3293



0.3705, 0.6343, 0.3268

Inverse Universe

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



21.9871, 0.4524, 0.3281



31.7532, 0.5008, 0.3281



28.8027, 0.2333, 0.2538



10.6387, 0.3288, 0.3288



7.8113, 0.6388, 0.3293



0.3705, 0.6343, 0.3268

Previews

White Background



This preview shows how the Yxy color 21.9859, 0.4524, 0.3281 looks on a white background.

Color Contrast Check

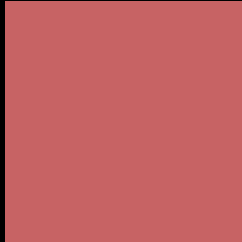
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9859, 0.4524, 0.3281 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 × Fail

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

Yxy 21.9859, 0.4524, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 21.9859, 0.4524, 0.3281.



This preview shows how white text looks on a background with the Yxy color 21.9859, 0.4524, 0.3281.

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

21.9859, 0.4524, 0.3281

Protanopia

22.0663, 0.3366, 0.3558

Deuteranopia

22.0321, 0.3831, 0.3758



Tritanopia

21.8974, 0.4458, 0.3204

Trichromacy



Original Color

21.9859, 0.4524, 0.3281

Protanomaly

21.3301, 0.3763, 0.3439

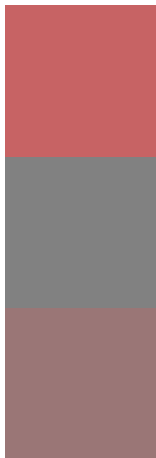
Deuteranomaly

21.6706, 0.4095, 0.3569

Tritanomaly

21.8568, 0.4487, 0.3230

Monochromacy



Original Color

21.9859, 0.4524, 0.3281

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1349, 0.3594, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9859, 0.4524, 0.3281 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(199, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(199, 99, 100)  
}
```

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(199, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 99, 100) }
```

Border

The CSS property to change the border of an element to Yxy 21.9859, 0.4524, 0.3281 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(199, 99, 100) }
```

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

```
.border{ border-color:rgb(199, 99, 100) }
```

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

Here you see how a box with a 4 pixel rgb(199, 99, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 99, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 99, 100);  
box-shadow:4px 4px 4px 4px rgb(199, 99,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9859, 0.4524, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 99, 100) }
```

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

```
.background{ background-color: rgb(199, 99,  
100) }
```

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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