

Converting Colors

$Y_{xy}(21.3721, 0.4920, 0.3388)$

Have a look what the booklet for
Yxy(21.3721, 0.4920, 0.3388)
contains.

Yxy(21.3721, 0.4920, 0.3388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.3721, 0.4920, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	CF5B53
RGB	207, 91, 83
RGB Percent	81%, 36%, 33%
CMY	0.1882, 0.6431, 0.6745
CMYK	0.00, 0.56, 0.60, 0.19
HSL	4°, 56%, 57%
HSV	4°, 60%, 81%
XYZ	31.0362, 21.3721, 10.6734
YIQ	124.7720, 71.7040, 22.1040

Conversions

Conversions Part 2

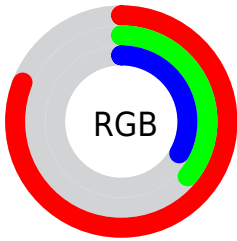
Format	Color
R_{YB}	207, 92, 83
Decimal	13589331
CIE _{Lab}	53.35, 45.37, 27.36
CIE _{LCh}	53, 52.978, 31.093
Yxy	21.3721, 0.4920, 0.3388
Android (android.graphics.Color)	4291779411 (0xFFCF5B53)
YUV	124.7720, -20.5936, 72.1140
Hunter-Lab	46.2300, 38.9325, 18.6723

Details

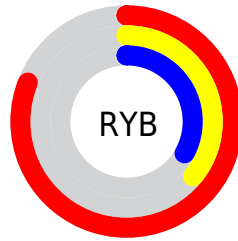
The Yxy color **21.3721, 0.4920, 0.3388** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **47.1958, 0.2370, 0.3173**, and the grayscale version is **20.4805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9000, 0.4404, 0.3408**, and **7.6661, 0.5590, 0.3285** is the 20% darker color. If you saturate the color by 10%, you get **18.2052, 0.5383, 0.3390**, and if you desaturate by 10%, it is **25.4909, 0.4482, 0.3377**.

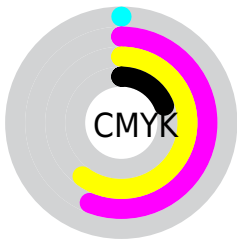
Distribution



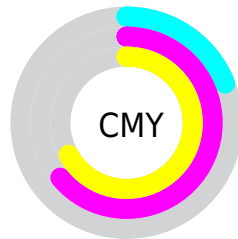
- Red (81%)
- Green (36%)
- Blue (33%)



- Red (81%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (60%)
- Black (19%)





- Cyan (19%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.3721, 0.4920, 0.3388 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 21.3721, 0.4920, 0.3388 by changing the saturation by 10% instead.


 21.3721, 0.4920,
0.3388


 21.3721, 0.4920,
0.3388


259.2494, 0.3908,
0.3394


 13.3963, 0.5206,
0.3357


 45.7060, 0.4526,
0.3409

 7.7020, 0.5588,
0.3292


 62.8328, 0.4385,
0.3411

 3.9048, 0.6112,
0.3158

 83.7788, 0.4270,
0.3410

 1.6205, 0.7044,
0.2956

 108.9283, 0.4174,
0.3408

 0.3713, 0.8139,
0.1861

 138.6657, 0.4092,
0.3405

 0.0000, 1.0000,
0.0000

173.3755, 0.4022,

 0.0000, 0.0000,

0.3401

0.0000

213.4419, 0.3961,
0.3398

■ 21.3721, 0.4920,
0.3388

■ 21.3721, 0.4920,
0.3388

■ 18.2052, 0.5383,
0.3390

■ 25.4909, 0.4482,
0.3377

■ 15.9109, 0.5817,
0.3380

■ 30.6259, 0.4099,
0.3361

■ 14.4026, 0.6155,
0.3357

■ 36.8397, 0.3776,
0.3343

■ 13.5687, 0.6358,
0.3333

■ 44.1890, 0.3512,
0.3324

■ 13.5634, 0.6359,
0.3333

■ 52.7265, 0.3298,
0.3306

■ 62.5014, 0.3126,
0.3290

■ 73.5605, 0.2986,
0.3275

■ 85.9479, 0.2872,
0.3261

■ 92.0065, 0.2844,
0.3289

Harmonies

Analogous

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



21.3721, 0.4293, 0.2769



21.3721, 0.4920, 0.3388



21.3721, 0.4932, 0.4055

Triad

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



21.3721, 0.4920, 0.3388



21.3721, 0.2727, 0.4758



21.3721, 0.1835, 0.1911

Complementary

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



21.3721, 0.4920, 0.3388



47.1958, 0.2370, 0.3173

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.



21.3721, 0.1567, 0.2157



21.3721, 0.4920, 0.3388



21.3721, 0.2001, 0.3779

Square

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



21.3721, 0.4920, 0.3388



21.3721, 0.3612, 0.5069



21.3721, 0.1611, 0.2778



21.3721, 0.2427, 0.1963

Rectangle

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



21.3721, 0.4920, 0.3388



21.3721, 0.4634, 0.4495



21.3721, 0.1611, 0.2778



21.3721, 0.1711, 0.1957

Sweetspot

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



21.3733, 0.4920, 0.3388



72.9855, 0.3473, 0.3321



23.6614, 0.3262, 0.1961



14.8178, 0.3543, 0.3327



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.



21.3733, 0.4920, 0.3388



27.9436, 0.5517, 0.3388



36.0904, 0.4382, 0.4119



11.9289, 0.3289, 0.3306



8.5938, 0.6349, 0.3341



0.5244, 0.6187, 0.3470

Inverse Universe

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



47.1958, 0.2370, 0.3173



72.7710, 0.2281, 0.3145



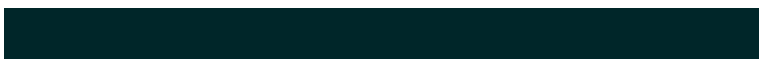
24.7532, 0.2159, 0.2223



13.2710, 0.2983, 0.3274



27.1033, 0.2191, 0.3089



1.5557, 0.2202, 0.3128

Previews

White Background



This preview shows how the Yxy color 21.3721, 0.4920, 0.3388 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 21.3721, 0.4920, 0.3388 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 21.3721, 0.4920, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 21.3721, 0.4920, 0.3388.



This preview shows how white text looks on a background with the Yxy color 21.3721, 0.4920, 0.3388.

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

21.3721, 0.4920, 0.3388

Protanopia

21.6386, 0.3580, 0.3827

Deuteranopia

21.4235, 0.4097, 0.4023



Tritanopia

21.3809, 0.4773, 0.3224

Trichromacy



Original Color

21.3721, 0.4920, 0.3388

Protanomaly

20.7332, 0.4044, 0.3645

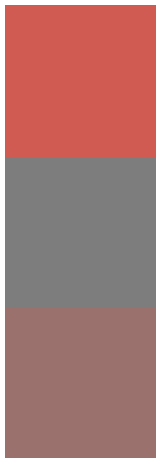
Deuteranomaly

20.9321, 0.4414, 0.3763

Tritanomaly

21.4776, 0.4824, 0.3283

Monochromacy



Original Color

21.3721, 0.4920, 0.3388

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9046, 0.3733, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3721, 0.4920, 0.3388 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(207, 91, 83)` looks like.

```
.text, #text, p{  
    color:rgb(207, 91, 83)  
}
```

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(207, 91, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 91, 83) }
```

Border

The CSS property to change the border of an element to Yxy 21.3721, 0.4920, 0.3388 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(207, 91, 83) }
```

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

```
.border{ border-color:rgb(207, 91, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 91, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 91, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 91, 83);  
box-shadow:4px 4px 4px 4px rgb(207, 91,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3721, 0.4920, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 91, 83) }
```

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

```
.background{ background-color: rgb(207, 91,  
83) }
```

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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