

Converting Colors

$Y_{xy}(22.1910, 0.5169, 0.3495)$

Have a look what the booklet for
Yxy(22.1910, 0.5169, 0.3495)
contains.

Yxy(22.2143, 0.5164, 0.3495)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.2143, 0.5164, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	D75A47
RGB	215, 90, 71
RGB Percent	84%, 35%, 28%
CMY	0.1568, 0.6471, 0.7215
CMYK	0.00, 0.58, 0.67, 0.16
HSL	8°, 64%, 56%
HSV	8°, 67%, 84%
XYZ	32.8225, 22.2143, 8.5234
YIQ	125.2090, 80.5990, 20.5910

Conversions

Conversions Part 2

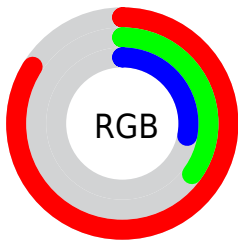
Format	Color
R_{YB}	215, 93, 71
Decimal	14113351
CIE _{Lab}	54.25, 47.97, 35.57
CIE _{LCh}	54, 59.722, 36.557
Yxy	22.2143, 0.5164, 0.3495
Android (android.graphics.Color)	4292303431 (0xFFD75A47)
YUV	125.2090, -26.7250, 78.7467
Hunter-Lab	47.1320, 41.8253, 22.2703

Details

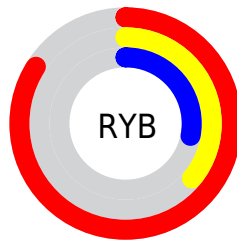
The Yxy color **22.2143, 0.5164, 0.3495** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45.7528, 0.2282, 0.3016**, and the grayscale version is **20.6540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5626, 0.4540, 0.3539**, and **8.1467, 0.5865, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **19.2231, 0.5598, 0.3486**, and if you desaturate by 10%, it is **26.0965, 0.4727, 0.3483**.

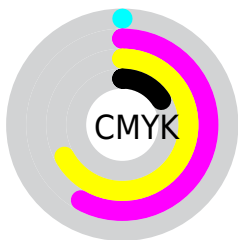
Distribution



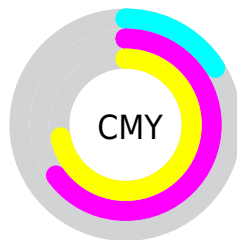
- Red (84%)
- Green (35%)
- Blue (28%)



- Red (84%)
- Yellow (36%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (67%)
- Black (16%)





- Cyan (16%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2143, 0.5164, 0.3495 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 22.2143, 0.5164, 0.3495 by changing the saturation by 10% instead.


 22.2143, 0.5164,
0.3495


 22.2143, 0.5164,
0.3495


263.6634, 0.4033,
0.3469


 14.0144, 0.5469,
0.3460


 47.0999, 0.4732,
0.3512

 8.1307, 0.5861,
0.3384


 64.5545, 0.4575,
0.3510

 4.1787, 0.6416,
0.3245

 85.8628, 0.4445,
0.3505

 1.7740, 0.7087,
0.2913

 111.4091, 0.4336,
0.3498

 0.4709, 0.7999,
0.2001

 141.5780, 0.4243,
0.3491

 0.0000, 1.0000,
0.0000

176.7537, 0.4163,

 0.0000, 0.0000,

0.3483

0.0000

217.3207, 0.4094,
0.3476

■ 22.2143, 0.5164,
0.3495

■ 22.2143, 0.5164,
0.3495

■ 19.2231, 0.5598,
0.3486

■ 26.0965, 0.4727,
0.3483

■ 17.0480, 0.5973,
0.3452

■ 30.9294, 0.4325,
0.3456

■ 15.6069, 0.6234,
0.3398

■ 36.7717, 0.3976,
0.3422

■ 15.2954, 0.6295,
0.3384

■ 43.6766, 0.3682,
0.3385

■ 51.6931, 0.3441,
0.3348

■ 60.8675, 0.3243,
0.3313

■ 71.2434, 0.3082,
0.3280

■ 82.8619, 0.2949,
0.3251

■ 93.1898, 0.2889,
0.3289

Harmonies

Analogous

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



22.2143, 0.4591, 0.2824



22.2143, 0.5164, 0.3495



22.2143, 0.5028, 0.4218

Triad

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



22.2143, 0.5164, 0.3495



22.2143, 0.2501, 0.4790



22.2143, 0.1809, 0.1780

Complementary

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



22.2143, 0.5164, 0.3495



45.7528, 0.2282, 0.3016

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.



22.2143, 0.1464, 0.1969



22.2143, 0.5164, 0.3495



22.2143, 0.1779, 0.3601

Square

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



22.2143, 0.5164, 0.3495



22.2143, 0.3451, 0.5282



22.2143, 0.1444, 0.2548



22.2143, 0.2508, 0.1891

Rectangle

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



22.2143, 0.5164, 0.3495



22.2143, 0.4629, 0.4701



22.2143, 0.1444, 0.2548



22.2143, 0.1657, 0.1807

Sweetspot

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



22.2155, 0.5164, 0.3495



72.0673, 0.3514, 0.3360



23.0470, 0.3392, 0.1930



14.7054, 0.3582, 0.3370



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.



22.2155, 0.5164, 0.3495



26.9286, 0.5751, 0.3476



39.9848, 0.4476, 0.4291



12.6818, 0.3288, 0.3321



9.2342, 0.6277, 0.3398



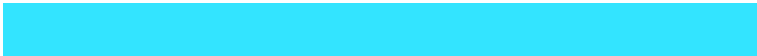
0.6451, 0.6007, 0.3612

Inverse Universe

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



45.7528, 0.2282, 0.3016



63.4850, 0.2195, 0.2952



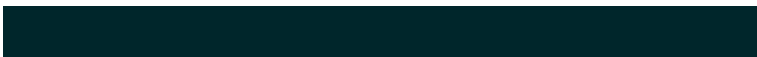
21.2267, 0.2018, 0.1916



13.8159, 0.2983, 0.3258



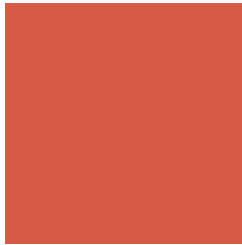
24.2245, 0.2131, 0.2871



1.5404, 0.2153, 0.2950

Previews

White Background



This preview shows how the Yxy color 22.2143, 0.5164, 0.3495 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 22.2143, 0.5164, 0.3495 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 22.2143, 0.5164, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 22.2143, 0.5164, 0.3495.



This preview shows how white text looks on a background with the Yxy color 22.2143, 0.5164, 0.3495.

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

22.2143, 0.5164, 0.3495

Protanopia

22.2999, 0.3756, 0.4057

Deuteranopia

22.2591, 0.4283, 0.4212



Tritanopia

22.2056, 0.4901, 0.3229

Trichromacy



Original Color

22.2143, 0.5164, 0.3495

Protanomaly

21.1804, 0.4277, 0.3812

Deuteranomaly

21.6969, 0.4620, 0.3911

Tritanomaly

22.2343, 0.5007, 0.3328

Monochromacy



Original Color

22.2143, 0.5164, 0.3495

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8774, 0.3847, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2143, 0.5164, 0.3495 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(215, 90, 71)` looks like.

```
.text, #text, p{  
    color:rgb(215, 90, 71)  
}
```

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(215, 90, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 90, 71) }
```

Border

The CSS property to change the border of an element to Yxy 22.2143, 0.5164, 0.3495 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(215, 90, 71) }
```

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

```
.border{ border-color:rgb(215, 90, 71) }
```

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

Here you see how a box with a 4 pixel rgb(215, 90, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 90, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 90, 71);  
box-shadow:4px 4px 4px 4px rgb(215, 90,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2143, 0.5164, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 90, 71) }
```

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

```
.background{ background-color: rgb(215, 90,  
71) }
```

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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