

Converting Colors

$Y_{xy}(21.8262, 0.5092, 0.3549)$

Have a look what the booklet for
Yxy(21.8262, 0.5092, 0.3549)
contains.

Yxy(21.8262, 0.5092, 0.3549)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.8262, 0.5092, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	D15D46
RGB	209, 93, 70
RGB Percent	82%, 36%, 27%
CMY	0.1804, 0.6353, 0.7255
CMYK	0.00, 0.56, 0.67, 0.18
HSL	10°, 60%, 55%
HSV	10°, 67%, 82%
XYZ	31.3156, 21.8262, 8.3578
YIQ	125.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

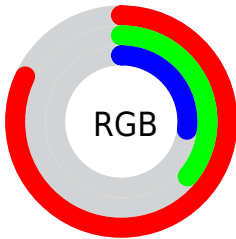
Format	Color
R_{YB}	209, 98, 70
Decimal	13720902
CIE Lab	53.84, 44.29, 35.42
CIE LCh	54, 56.714, 38.648
Yxy	21.8262, 0.5092, 0.3549
Android (android.graphics.Color)	4291910982 (0xFFD15D46)
YUV	125.0620, -27.1456, 73.6136
Hunter-Lab	46.7185, 37.8918, 22.0962

Details

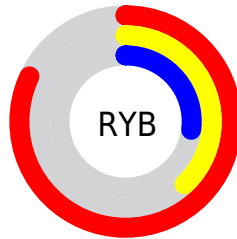
The Yxy color **21.8262, 0.5092, 0.3549** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **41.0280, 0.2270, 0.2947**, and the grayscale version is **20.6049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1497, 0.4537, 0.3569**, and **7.8837, 0.5772, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **18.8870, 0.5516, 0.3543**, and if you desaturate by 10%, it is **25.5579, 0.4670, 0.3531**.

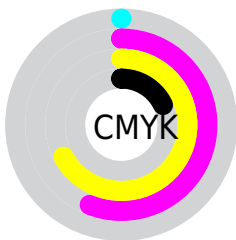
Distribution



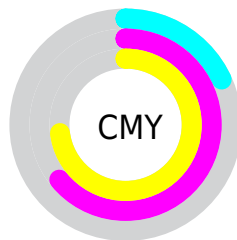
- Red (82%)
- Green (36%)
- Blue (27%)



- Red (82%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (67%)
- Black (18%)





- Cyan (18%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8262, 0.5092, 0.3549 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 21.8262, 0.5092, 0.3549 by changing the saturation by 10% instead.


 21.8262, 0.5092,
0.3549

 21.8262, 0.5092,
0.3549


261.6373, 0.3997,
0.3489


 13.7292, 0.5389,
0.3524


 46.4586, 0.4673,
0.3552


 7.9326, 0.5773,
0.3461


 63.7628, 0.4521,
0.3545


 4.0518, 0.6327,
0.3344


 84.9049, 0.4395,
0.3536

 1.7026, 0.6978,
0.3022

 110.2692, 0.4290,
0.3526

 0.4253, 0.7964,
0.2036

 140.2403, 0.4200,
0.3516

 0.0000, 1.0000,
0.0000

175.2024, 0.4123,

 0.0000, 0.0000,

0.3507

0.0000

215.5399, 0.4056,
0.3497

■ 21.8262, 0.5092,
0.3549

■ 21.8262, 0.5092,
0.3549

■ 18.8870, 0.5516,
0.3543

■ 25.5579, 0.4670,
0.3531

■ 16.6787, 0.5893,
0.3507

■ 30.1307, 0.4283,
0.3496

■ 15.1354, 0.6169,
0.3443

■ 35.5935, 0.3947,
0.3453

■ 14.7333, 0.6246,
0.3423

■ 41.9902, 0.3663,
0.3406

■ 49.3619, 0.3428,
0.3360

■ 57.7473, 0.3234,
0.3317

■ 67.1828, 0.3075,
0.3276

■ 77.7032, 0.2944,
0.3239

■ 89.1395, 0.2852,
0.3237

Harmonies

Analogous

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



21.8262, 0.4585, 0.2890



21.8262, 0.5092, 0.3549



21.8262, 0.4930, 0.4251

Triad

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



21.8262, 0.5092, 0.3549



21.8262, 0.2476, 0.4647



21.8262, 0.1892, 0.1831

Complementary

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



21.8262, 0.5092, 0.3549



41.0280, 0.2270, 0.2947

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.



21.8262, 0.1533, 0.1996



21.8262, 0.5092, 0.3549



21.8262, 0.1798, 0.3510

Square

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



21.8262, 0.5092, 0.3549



21.8262, 0.3386, 0.5187



21.8262, 0.1493, 0.2532



21.8262, 0.2595, 0.1956

Rectangle

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



21.8262, 0.5092, 0.3549



21.8262, 0.4534, 0.4707



21.8262, 0.1493, 0.2532



21.8262, 0.1736, 0.1851

Sweetspot

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



21.8274, 0.5092, 0.3549



72.9255, 0.3510, 0.3377



21.5748, 0.3448, 0.1979



14.9070, 0.3577, 0.3390



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.



21.8274, 0.5092, 0.3549



27.9565, 0.5692, 0.3531



39.2634, 0.4421, 0.4336



12.1197, 0.3287, 0.3329



9.1809, 0.6226, 0.3438



0.6138, 0.5901, 0.3697

Inverse Universe

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



41.0280, 0.2270, 0.2947



59.7696, 0.2171, 0.2862



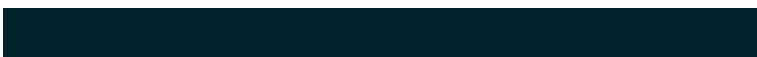
19.0181, 0.2009, 0.1855



13.0602, 0.2983, 0.3251



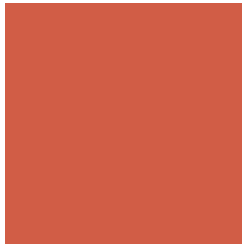
21.7285, 0.2100, 0.2758



1.3056, 0.2129, 0.2866

Previews

White Background



This preview shows how the Yxy color 21.8262, 0.5092, 0.3549 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 21.8262, 0.5092, 0.3549 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 21.8262, 0.5092, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 21.8262, 0.5092, 0.3549.



This preview shows how white text looks on a background with the Yxy color 21.8262, 0.5092, 0.3549.

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

21.8262, 0.5092, 0.3549

Protanopia

21.9878, 0.3796, 0.4092

Deuteranopia

21.9070, 0.4280, 0.4203



Tritanopia

21.8585, 0.4772, 0.3225

Trichromacy



Original Color

21.8262, 0.5092, 0.3549

Protanomaly

21.1478, 0.4280, 0.3877

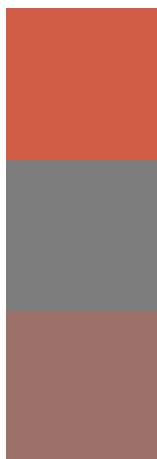
Deuteranomaly

21.3288, 0.4596, 0.3935

Tritanomaly

21.8719, 0.4894, 0.3341

Monochromacy



Original Color

21.8262, 0.5092, 0.3549

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8981, 0.3815, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8262, 0.5092, 0.3549 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(209, 93, 70)` looks like.

```
.text, #text, p{  
    color:rgb(209, 93, 70)  
}
```

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(209, 93, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 93, 70) }
```

Border

The CSS property to change the border of an element to Yxy 21.8262, 0.5092, 0.3549 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(209, 93, 70) }
```

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

```
.border{ border-color:rgb(209, 93, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 93, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 93, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 93, 70);  
box-shadow:4px 4px 4px 4px rgb(209, 93,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8262, 0.5092, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 93, 70) }
```

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

```
.background{ background-color: rgb(209, 93,  
70) }
```

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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