

Converting Colors

$Y_{xy}(22.8769, 0.5207, 0.3533)$

Have a look what the booklet for
Yxy(22.8769, 0.5207, 0.3533)
contains.

Yxy(22.9771, 0.5207, 0.3541)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.9771, 0.5207, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	DA5C44
RGB	218, 92, 68
RGB Percent	85%, 36%, 27%
CMY	0.1450, 0.6392, 0.7333
CMYK	0.00, 0.58, 0.69, 0.15
HSL	10°, 67%, 56%
HSV	10°, 69%, 85%
XYZ	33.7876, 22.9771, 8.1241
YIQ	126.9380, 82.8000, 19.2480

Conversions

Conversions Part 2

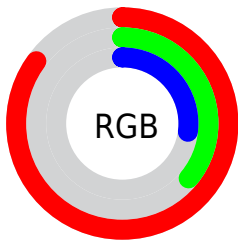
Format	Color
R_{YB}	218, 97, 68
Decimal	14310468
CIE _{Lab}	55.05, 47.95, 38.30
CIE _{LCh}	55, 61.369, 38.616
Yxy	22.9771, 0.5207, 0.3541
Android (android.graphics.Color)	4292500548 (0xFFDA5C44)
YUV	126.9380, -29.0564, 79.8614
Hunter-Lab	47.9344, 41.9341, 23.5055

Details

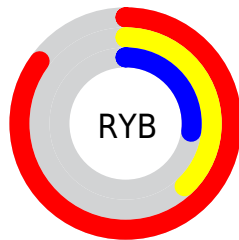
The Yxy color **22.9771, 0.5207, 0.3541** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **44.8881, 0.2253, 0.2945**, and the grayscale version is **21.2815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1021, 0.4557, 0.3589**, and **8.5531, 0.5898, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **19.9613, 0.5627, 0.3528**, and if you desaturate by 10%, it is **26.8613, 0.4777, 0.3529**.

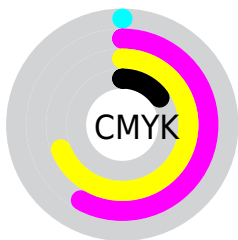
Distribution



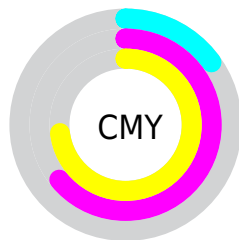
- Red (85%)
- Green (36%)
- Blue (27%)



- Red (85%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9771, 0.5207, 0.3541 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 22.9771, 0.5207, 0.3541 by changing the saturation by 10% instead.


 22.9771, 0.5207,
0.3541


 22.9771, 0.5207,
0.3541


267.6074, 0.4062,
0.3498


 14.5766, 0.5509,
0.3508


 48.3557, 0.4774,
0.3554


 8.5228, 0.5894,
0.3433


 66.1026, 0.4615,
0.3550


 4.4312, 0.6444,
0.3302

 87.7338, 0.4483,
0.3542

 1.9176, 0.7043,
0.2957

 113.6336, 0.4372,
0.3534

 0.5589, 0.7839,
0.2161

 144.1865, 0.4277,
0.3524

 0.0000, 1.0000,
0.0000

179.7768, 0.4196,

 0.0000, 0.0000,

0.3515

0.0000

220.7890, 0.4125,
0.3506

■ 22.9771, 0.5207,
0.3541

■ 22.9771, 0.5207,
0.3541

■ 19.9613, 0.5627,
0.3528

■ 26.8613, 0.4777,
0.3529

■ 17.7424, 0.5984,
0.3485

■ 31.6707, 0.4377,
0.3498


■ 16.2395, 0.6233,
0.3420

■ 37.4613, 0.4025,
0.3458

■ 16.1016, 0.6257,
0.3414

■ 44.2839, 0.3727,
0.3413

■ 52.1855, 0.3479,
0.3368

 61.2103, 0.3276,
0.3325

 71.4000, 0.3109,
0.3285

 82.7942, 0.2972,
0.3249

 93.6477, 0.2906,
0.3289

Harmonies

Analogous

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



22.9771, 0.4676, 0.2860



22.9771, 0.5207, 0.3541



22.9771, 0.5019, 0.4274

Triad

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



22.9771, 0.5207, 0.3541



22.9771, 0.2429, 0.4748



22.9771, 0.1829, 0.1761

Complementary

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



22.9771, 0.5207, 0.3541



44.8881, 0.2253, 0.2945

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.



22.9771, 0.1458, 0.1926



22.9771, 0.5207, 0.3541



22.9771, 0.1724, 0.3518

Square

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



22.9771, 0.5207, 0.3541



22.9771, 0.3383, 0.5314



22.9771, 0.1414, 0.2480



22.9771, 0.2560, 0.1891

Rectangle

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



22.9771, 0.5207, 0.3541



22.9771, 0.4593, 0.4762



22.9771, 0.1414, 0.2480



22.9771, 0.1667, 0.1780

Sweetspot

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



22.9784, 0.5207, 0.3541



71.5978, 0.3534, 0.3379



23.0062, 0.3462, 0.1948



14.6416, 0.3601, 0.3391



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.



22.9784, 0.5207, 0.3541



26.7718, 0.5815, 0.3510



42.4206, 0.4472, 0.4360



13.3861, 0.3288, 0.3328



9.7475, 0.6238, 0.3429



0.7379, 0.5953, 0.3655

Inverse Universe

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



44.8881, 0.2253, 0.2945



59.5369, 0.2159, 0.2859



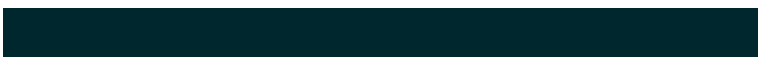
19.8479, 0.1971, 0.1793



14.4565, 0.2982, 0.3252



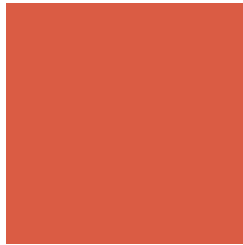
23.4897, 0.2104, 0.2775



1.6188, 0.2130, 0.2868

Previews

White Background



This preview shows how the Yxy color 22.9771, 0.5207, 0.3541 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 22.9771, 0.5207, 0.3541 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 22.9771, 0.5207, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 22.9771, 0.5207, 0.3541.



This preview shows how white text looks on a background with the Yxy color 22.9771, 0.5207, 0.3541.

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

22.9771, 0.5207, 0.3541

Protanopia

23.0410, 0.3825, 0.4142

Deuteranopia

23.1511, 0.4340, 0.4255



Tritanopia

23.0130, 0.4901, 0.3241

Trichromacy



Original Color

22.9771, 0.5207, 0.3541

Protanomaly

21.9163, 0.4345, 0.3888

Deuteranomaly

22.5951, 0.4677, 0.3956

Tritanomaly

23.0283, 0.5019, 0.3349

Monochromacy



Original Color

22.9771, 0.5207, 0.3541

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.5488, 0.3850, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9771, 0.5207, 0.3541 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(218, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(218, 92, 68)  
}
```

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(218, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 92, 68) }
```

Border

The CSS property to change the border of an element to Yxy 22.9771, 0.5207, 0.3541 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(218, 92, 68) }
```

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

```
.border{ border-color:rgb(218, 92, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 92, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(218, 92,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9771, 0.5207, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 92, 68) }
```

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

```
.background{ background-color: rgb(218, 92,  
68) }
```

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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