

Converting Colors

$Yxy(19.5701, 0.5792, 0.3577)$

Have a look what the booklet for
Yxy(19.5701, 0.5792, 0.3577)
contains.

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Color

Yxy(19.5447, 0.5791, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	DB4620
RGB	219, 70, 32
RGB Percent	86%, 27%, 13%
CMY	0.1411, 0.7255, 0.8744
CMYK	0.00, 0.68, 0.85, 0.14
HSL	12°, 74%, 49%
HSV	12°, 85%, 86%
XYZ	31.6685, 19.5447, 3.4725
YIQ	110.2190, 101.0020, 19.7700

Conversions

Conversions Part 2

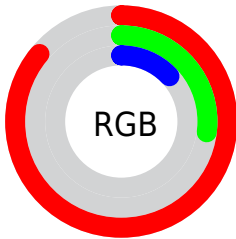
Format	Color
RYB	219, 80, 32
Decimal	14370336
CIELab	51.32, 56.46, 52.64
CIElCh	51, 77.197, 42.993
Yxy	19.5447, 0.5791, 0.3574
Android (android.graphics.Color)	4292560416 (0xFFDB4620)
YUV	110.2190, -38.5620, 95.4009
Hunter-Lab	44.2094, 50.4986, 26.2895

Details

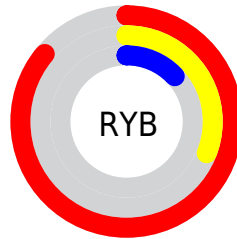
The Yxy color **19.5447, 0.5791, 0.3574** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **38.4983, 0.2118, 0.2724**, and the grayscale version is **15.7505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7758, 0.5059, 0.3707**, and **7.0679, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.5885, 0.6082, 0.3504**, and if you desaturate by 10%, it is **22.2169, 0.5414, 0.3609**.

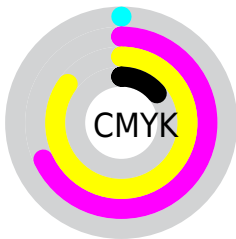
Distribution



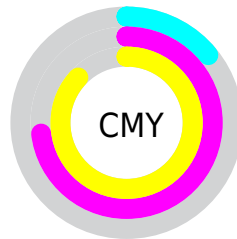
- Red (86%)
- Green (27%)
- Blue (13%)



- Red (86%)
- Yellow (31%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (85%)
- Black (14%)




- Cyan (14%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5447, 0.5791, 0.3574 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 19.5447, 0.5791, 0.3574 by changing the saturation by 10% instead.


 19.5447, 0.5791,
0.3574


 19.5447, 0.5791,
0.3574


249.4395, 0.4349,
0.3599


 12.0645, 0.6133,
0.3480


 42.6525, 0.5266,
0.3643


 6.7876, 0.6612,
0.3342


 59.0489, 0.5066,
0.3649


 3.3296, 0.7009,
0.2991

 79.1862, 0.4898,
0.3648

 1.3062, 0.7548,
0.2452

 103.4488, 0.4754,
0.3641

 0.1460, 0.9215,
0.0785

 132.2210, 0.4631,
0.3632

 0.0000, 1.0000,
0.0000

 165.8873, 0.4524,

 0.0000, 0.0000,

0.3621

0.0000

204.8320, 0.4431,
0.3611

19.5447, 0.5791,
0.3574

19.5447, 0.5791,
0.3574

17.5885, 0.6082,
0.3504

22.2169, 0.5414,
0.3609


16.8978, 0.6187,
0.3469


25.6651, 0.5000,
0.3609


29.9465, 0.4595,
0.3582


35.1118, 0.4224,
0.3537

41.2074, 0.3902,
0.3483

 48.2767, 0.3630,
0.3426

 56.3599, 0.3403,
0.3370

 65.4953, 0.3214,
0.3317

 75.7191, 0.3059,
0.3268

Harmonies

Analogous

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



19.5447, 0.5320, 0.2803



19.5447, 0.5791, 0.3574



19.5447, 0.5307, 0.4459

Triad

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



19.5447, 0.5791, 0.3574



19.5447, 0.2007, 0.5094



19.5447, 0.1615, 0.1427

Complementary

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



19.5447, 0.5791, 0.3574



38.4983, 0.2118, 0.2724

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.



19.5447, 0.1144, 0.1535



19.5447, 0.5791, 0.3574



19.5447, 0.1271, 0.3289

Square

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



19.5447, 0.5791, 0.3574



19.5447, 0.3124, 0.5992



19.5447, 0.1026, 0.2066



19.5447, 0.2551, 0.1628

Rectangle

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



19.5447, 0.5791, 0.3574



19.5447, 0.4669, 0.5123



19.5447, 0.1026, 0.2066



19.5447, 0.1413, 0.1427

Sweetspot

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



19.5459, 0.5791, 0.3574



67.2355, 0.3651, 0.3431



19.4595, 0.3689, 0.1882



13.6199, 0.3742, 0.3451



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.



19.5459, 0.5791, 0.3574



23.6941, 0.6199, 0.3460



41.3342, 0.4677, 0.4542



13.4774, 0.3287, 0.3338



10.1434, 0.6164, 0.3487



0.7808, 0.5852, 0.3735

Inverse Universe

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



38.4983, 0.2118, 0.2724



50.0479, 0.2059, 0.2611



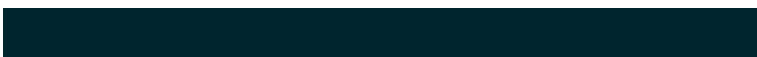
12.4242, 0.1726, 0.1270



14.3573, 0.2982, 0.3241



21.2690, 0.2063, 0.2628



1.4939, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 19.5447, 0.5791, 0.3574 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 19.5447, 0.5791, 0.3574 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 19.5447, 0.5791, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 19.5447, 0.5791, 0.3574.



This preview shows how white text looks on a background with the Yxy color 19.5447, 0.5791, 0.3574.

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

19.5447, 0.5791, 0.3574

Protanopia

19.6737, 0.4168, 0.4588

Deuteranopia

19.4593, 0.4713, 0.4640



Tritanopia

19.5417, 0.5444, 0.3270

Trichromacy



Original Color

19.5447, 0.5791, 0.3574

Protanomaly

18.2693, 0.4839, 0.4157

Deuteranomaly

18.4152, 0.5202, 0.4185

Tritanomaly

19.5155, 0.5600, 0.3390

Monochromacy



Original Color

19.5447, 0.5791, 0.3574

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.2776, 0.4188, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5447, 0.5791, 0.3574 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(219, 70, 32)` looks like.

```
.text, #text, p{  
    color:rgb(219, 70, 32)  
}
```

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(219, 70, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 70, 32) }
```

Border

The CSS property to change the border of an element to Yxy 19.5447, 0.5791, 0.3574 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(219, 70, 32) }
```

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

```
.border{ border-color:rgb(219, 70, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 70, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 70, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 70, 32);  
box-shadow:4px 4px 4px 4px rgb(219, 70,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5447, 0.5791, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 70, 32) }
```

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

```
.background{ background-color: rgb(219, 70,  
32) }
```

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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