

Converting Colors

$Yxy(19.2861, 0.5894, 0.3497)$

Have a look what the booklet for
Yxy(19.2861, 0.5894, 0.3497)
contains.

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Color

Yxy(19.2375, 0.5891, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	DF3E20
RGB	223, 62, 32
RGB Percent	87%, 24%, 13%
CMY	0.1255, 0.7569, 0.8744
CMYK	0.00, 0.72, 0.86, 0.13
HSL	9°, 75%, 50%
HSV	9°, 86%, 87%
XYZ	32.4165, 19.2375, 3.3732
YIQ	106.7190, 105.5860, 24.8020

Conversions

Conversions Part 2

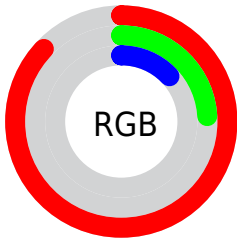
Format	Color
RYB	223, 68, 32
Decimal	14630432
CIELab	50.96, 60.70, 52.64
CIELCh	51, 80.347, 40.933
Yxy	19.2375, 0.5891, 0.3496
Android (android.graphics.Color)	4292820512 (0xFFDF3E20)
YUV	106.7190, -36.8365, 101.9784
Hunter-Lab	43.8606, 55.1699, 26.1426

Details

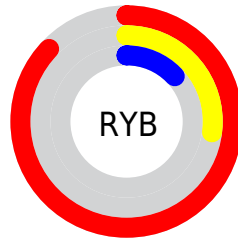
The Yxy color **19.2375, 0.5891, 0.3496** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **43.7904, 0.2152, 0.2856**, and the grayscale version is **14.7043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2870, 0.5112, 0.3648**, and **7.3709, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.4525, 0.6172, 0.3435**, and if you desaturate by 10%, it is **21.8137, 0.5508, 0.3530**.

Distribution



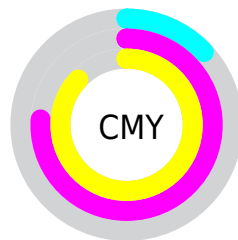
- Red (87%)
- Green (24%)
- Blue (13%)



- Red (87%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (86%)
- Black (13%)





- Cyan (13%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2375, 0.5891, 0.3496 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 19.2375, 0.5891, 0.3496 by changing the saturation by 10% instead.


 19.2375, 0.5891,
0.3496


 19.2375, 0.5891,
0.3496

247.7568, 0.4394,
0.3573


 11.8420, 0.6245,
0.3387


 42.1350, 0.5347,
0.3586


 6.6362, 0.6744,
0.3231


 58.4059, 0.5139,
0.3600


 3.2356, 0.7145,
0.2855

 78.4040, 0.4964,
0.3604

 1.2560, 0.7703,
0.2297

 102.5137, 0.4815,
0.3602

 0.1067, 0.9447,
0.0553

 131.1194, 0.4687,
0.3597

 0.0000, 1.0000,
0.0000

 164.6056, 0.4576,

 0.0000, 0.0000,

0.3590

0.0000

203.3566, 0.4479,
0.3581

19.2375, 0.5891,
0.3496

19.2375, 0.5891,
0.3496

17.4525, 0.6172,
0.3435

21.8137, 0.5508,
0.3530


16.8908, 0.6263,
0.3409


25.2577, 0.5077,
0.3535


29.6404, 0.4652,
0.3516


35.0244, 0.4263,
0.3483

41.4667, 0.3927,
0.3441

 49.0201, 0.3645,
0.3397

 57.7339, 0.3411,
0.3353

 67.6542, 0.3220,
0.3312

 78.8249, 0.3062,
0.3274

Harmonies

Analogous

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



19.2375, 0.5340, 0.2722



19.2375, 0.5891, 0.3496



19.2375, 0.5419, 0.4391

Triad

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



19.2375, 0.5891, 0.3496



19.2375, 0.2020, 0.5312



19.2375, 0.1519, 0.1369

Complementary

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



19.2375, 0.5891, 0.3496



43.7904, 0.2152, 0.2856

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.



19.2375, 0.1070, 0.1498



19.2375, 0.5891, 0.3496



19.2375, 0.1239, 0.3397

Square

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



19.2375, 0.5891, 0.3496



19.2375, 0.3176, 0.6114



19.2375, 0.0969, 0.2071



19.2375, 0.2440, 0.1553

Rectangle

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



19.2375, 0.5891, 0.3496



19.2375, 0.4772, 0.5089



19.2375, 0.0969, 0.2071



19.2375, 0.1325, 0.1375

Sweetspot

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



19.2387, 0.5891, 0.3496



65.8163, 0.3659, 0.3400



20.6347, 0.3559, 0.1803



13.2918, 0.3753, 0.3415



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.



19.2387, 0.5891, 0.3496



22.7789, 0.6272, 0.3402



39.6253, 0.4787, 0.4452



14.0461, 0.3288, 0.3327



10.0366, 0.6244, 0.3424



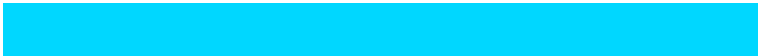
0.8044, 0.5978, 0.3635

Inverse Universe

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



43.7904, 0.2152, 0.2856



55.8109, 0.2104, 0.2772



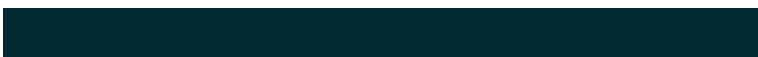
14.5348, 0.1757, 0.1390



15.1867, 0.2982, 0.3252



24.4181, 0.2107, 0.2785



1.7924, 0.2131, 0.2871

Previews

White Background



This preview shows how the Yxy color 19.2375, 0.5891, 0.3496 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 19.2375, 0.5891, 0.3496 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 19.2375, 0.5891, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 19.2375, 0.5891, 0.3496.



This preview shows how white text looks on a background with the Yxy color 19.2375, 0.5891, 0.3496.

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

19.2375, 0.5891, 0.3496

Protanopia

19.3585, 0.4149, 0.4557

Deuteranopia

19.3608, 0.4700, 0.4650



Tritanopia

19.3121, 0.5632, 0.3281

Trichromacy



Original Color

19.2375, 0.5891, 0.3496

Protanomaly

17.6063, 0.4889, 0.4075

Deuteranomaly

17.9760, 0.5259, 0.4139

Tritanomaly

19.3093, 0.5752, 0.3373

Monochromacy



Original Color

19.2375, 0.5891, 0.3496

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.4509, 0.4238, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2375, 0.5891, 0.3496 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(223, 62, 32)` looks like.

```
.text, #text, p{  
    color:rgb(223, 62, 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(223, 62, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 62, 32) }
```

Border

The CSS property to change the border of an element to Yxy 19.2375, 0.5891, 0.3496 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(223, 62, 32) }
```

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

```
.border{ border-color:rgb(223, 62, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 62, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 62, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 62, 32);  
box-shadow:4px 4px 4px 4px rgb(223, 62,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2375, 0.5891, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 62, 32) }
```

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

```
.background{ background-color: rgb(223, 62,  
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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