

Converting Colors

$Yxy(19.6262, 0.5890, 0.3568)$

Have a look what the booklet for
Yxy(19.6262, 0.5890, 0.3568)
contains.

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Color

Yxy(19.6141, 0.5882, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	DE4319
RGB	222, 67, 25
RGB Percent	87%, 26%, 10%
CMY	0.1294, 0.7372, 0.9018
CMYK	0.00, 0.70, 0.89, 0.13
HSL	13°, 80%, 48%
HSV	13°, 89%, 87%
XYZ	32.3075, 19.6141, 3.0045
YIQ	108.5570, 105.8620, 19.7980

Conversions

Conversions Part 2

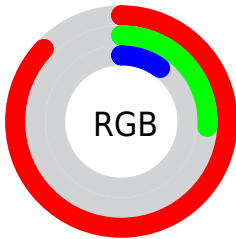
Format	Color
RYB	222, 78, 25
Decimal	14566169
CIELab	51.40, 58.44, 55.77
CIElCh	51, 80.777, 43.661
Yxy	19.6141, 0.5882, 0.3571
Android (android.graphics.Color)	4292756249 (0xFFDE4319)
YUV	108.5570, -41.1936, 99.4895
Hunter-Lab	44.2878, 52.7103, 26.9793

Details

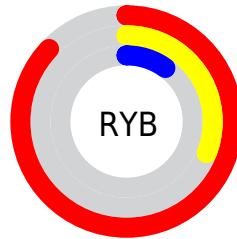
The Yxy color **19.6141, 0.5882, 0.3571** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **38.1335, 0.2093, 0.2668**, and the grayscale version is **15.2592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1833, 0.5130, 0.3733**, and **7.2691, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **17.7779, 0.6141, 0.3492**, and if you desaturate by 10%, it is **22.1517, 0.5530, 0.3619**.

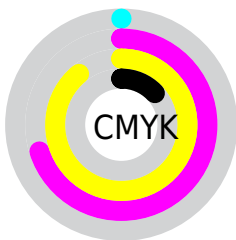
Distribution



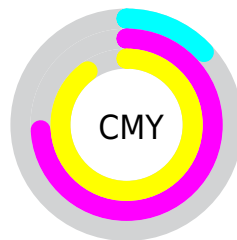
- Red (87%)
- Green (26%)
- Blue (10%)



- Red (87%)
- Yellow (31%)
- Blue (10%)



- Cyan (0%)
- Magenta (70%)
- Yellow (89%)
- Black (13%)





- Cyan (13%)
- Magenta (74%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6141, 0.5882, 0.3571 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 19.6141, 0.5882, 0.3571 by changing the saturation by 10% instead.


 19.6141, 0.5882,
0.3571


 19.6141, 0.5882,
0.3571


249.8183, 0.4406,
0.3618

 12.1148, 0.6221,
0.3465


 42.7692, 0.5352,
0.3654

 6.8219, 0.6690,
0.3310


 59.1939, 0.5148,
0.3664

 3.3510, 0.7062,
0.2938

 79.3625, 0.4975,
0.3664

 1.3176, 0.7605,
0.2395

 103.6594, 0.4827,
0.3659

 0.1548, 0.9211,
0.0789

 132.4691, 0.4699,
0.3650


 0.0000, 1.0000,
0.0000


 166.1759, 0.4588,


 0.0000, 0.0000,


0.3640


0.0000

 205.1641, 0.4492,
0.3629


 19.6141, 0.5882,
0.3571


 19.6141, 0.5882,
0.3571


 17.7779, 0.6141,
0.3492


 22.1517, 0.5530,
0.3619

 17.5877, 0.6170,
0.3483


 25.4568, 0.5127,
0.3630

 29.5885, 0.4719,
0.3609


 34.5990, 0.4338,
0.3567

 40.5360, 0.4002,
0.3512

 47.4435, 0.3714,
0.3453

 55.3630, 0.3474,
0.3394

 64.3332, 0.3273,
0.3337

 74.3911, 0.3108,
0.3283

Harmonies

Analogous

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



19.6141, 0.5435, 0.2791



19.6141, 0.5882, 0.3571



19.6141, 0.5340, 0.4482

Triad

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



19.6141, 0.5882, 0.3571



19.6141, 0.1930, 0.5151



19.6141, 0.1582, 0.1375

Complementary

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



19.6141, 0.5882, 0.3571



38.1335, 0.2093, 0.2668

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.



19.6141, 0.1097, 0.1473



19.6141, 0.5882, 0.3571



19.6141, 0.1197, 0.3239

Square

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



19.6141, 0.5882, 0.3571



19.6141, 0.3067, 0.6115



19.6141, 0.0966, 0.1995



19.6141, 0.2553, 0.1586

Rectangle

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



19.6141, 0.5882, 0.3571



19.6141, 0.4669, 0.5183



19.6141, 0.0966, 0.1995



19.6141, 0.1374, 0.1371

Sweetspot

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



19.6153, 0.5882, 0.3571



66.5022, 0.3675, 0.3444



19.6289, 0.3715, 0.1871



13.4895, 0.3766, 0.3465



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.



19.6153, 0.5882, 0.3571



23.9304, 0.6181, 0.3474



41.7625, 0.4724, 0.4547



14.1716, 0.3287, 0.3341



10.5785, 0.6147, 0.3501



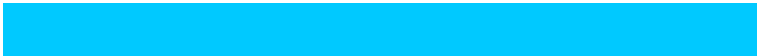
0.8635, 0.5851, 0.3736

Inverse Universe

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



38.1335, 0.2093, 0.2668



48.8334, 0.2049, 0.2575



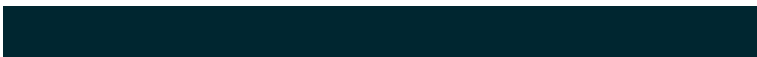
11.8406, 0.1692, 0.1195



15.0505, 0.2982, 0.3239



21.4399, 0.2053, 0.2592



1.6114, 0.2087, 0.2712

Previews

White Background



This preview shows how the Yxy color 19.6141, 0.5882, 0.3571 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 19.6141, 0.5882, 0.3571 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 19.6141, 0.5882, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 19.6141, 0.5882, 0.3571.



This preview shows how white text looks on a background with the Yxy color 19.6141, 0.5882, 0.3571.

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

19.6141, 0.5882, 0.3571

Protanopia

19.7157, 0.4226, 0.4647

Deuteranopia

19.6911, 0.4697, 0.4653



Tritanopia

19.6363, 0.5530, 0.3271

Trichromacy



Original Color

19.6141, 0.5882, 0.3571

Protanomaly

18.2510, 0.4925, 0.4181

Deuteranomaly

18.5271, 0.5221, 0.4187

Tritanomaly

19.5938, 0.5702, 0.3399

Monochromacy



Original Color

19.6141, 0.5882, 0.3571

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.0395, 0.4259, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6141, 0.5882, 0.3571 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(222, 67, 25)` looks like.

```
.text, #text, p{  
  color:rgb(222, 67, 25)  
}
```

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(222, 67, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 67, 25) }
```

Border

The CSS property to change the border of an element to Yxy 19.6141, 0.5882, 0.3571 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(222, 67, 25) }
```

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

```
.border{ border-color:rgb(222, 67, 25) }
```

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

Here you see how a box with a 4 pixel rgb(222, 67, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 67, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 67, 25);  
box-shadow:4px 4px 4px 4px rgb(222, 67,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6141, 0.5882, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 67, 25) }
```

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

```
.background{ background-color: rgb(222, 67,  
25) }
```

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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