

Converting Colors

$Y_{xy}(19.1361, 0.5611, 0.3513)$

Have a look what the booklet for
Yxy(19.1361, 0.5611, 0.3513)
contains.

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Color

Yxy(19.1361, 0.5611, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	D6482F
RGB	214, 72, 47
RGB Percent	84%, 28%, 18%
CMY	0.1607, 0.7177, 0.8157
CMYK	0.00, 0.66, 0.78, 0.16
HSL	9°, 67%, 51%
HSV	9°, 78%, 84%
XYZ	30.5644, 19.1361, 4.7718
YIQ	111.6080, 92.6570, 22.3290

Conversions

Conversions Part 2

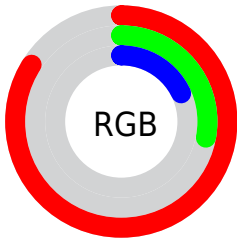
Format	Color
RYB	214, 76, 47
Decimal	14043183
CIELab	50.85, 54.42, 44.74
CIElCh	51, 70.453, 39.421
Yxy	19.1361, 0.5611, 0.3513
Android (android.graphics.Color)	4292233263 (0xFFD6482F)
YUV	111.6080, -31.8517, 89.7978
Hunter-Lab	43.7448, 48.1640, 24.1539

Details

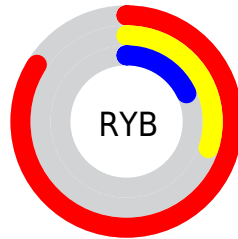
The Yxy color **19.1361, 0.5611, 0.3513** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **41.8604, 0.2197, 0.2919**, and the grayscale version is **16.1570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2650, 0.4918, 0.3601**, and **6.5793, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **16.9901, 0.5976, 0.3474**, and if you desaturate by 10%, it is **22.0651, 0.5185, 0.3524**.

Distribution



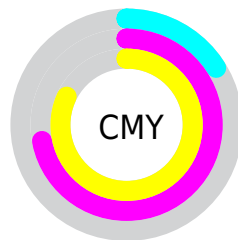
- Red (84%)
- Green (28%)
- Blue (18%)



- Red (84%)
- Yellow (30%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (78%)
- Black (16%)





- Cyan (16%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1361, 0.5611, 0.3513 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 19.1361, 0.5611, 0.3513 by changing the saturation by 10% instead.


 19.1361, 0.5611,
0.3513


 19.1361, 0.5611,
0.3513


247.1991, 0.4234,
0.3531


 11.7687, 0.5962,
0.3437


 41.9639, 0.5094,
0.3567


 6.5864, 0.6409,
0.3296


 58.1932, 0.4903,
0.3571

 3.2048, 0.6970,
0.3030

 78.1451, 0.4743,
0.3570


 1.2396, 0.7513,
0.2487

 102.2041, 0.4609,
0.3564

 0.0937, 0.9433,
0.0567

 130.7546, 0.4494,
0.3557

 0.0000, 1.0000,
0.0000

 164.1810, 0.4395,

 0.0000, 0.0000,

0.3549

0.0000

202.8677, 0.4309,
0.3540

■ 19.1361, 0.5611,
0.3513

■ 19.1361, 0.5611,
0.3513

■ 16.9901, 0.5976,
0.3474

■ 22.0651, 0.5185,
0.3524

■ 15.5446, 0.6230,
0.3413


■ 25.8405, 0.4753,
0.3511


■ 15.3325, 0.6271,
0.3403

■ 30.5229, 0.4353,
0.3482


■ 36.1662, 0.4003,
0.3444

■ 42.8201, 0.3707,
0.3402

 50.5311, 0.3463,
0.3360

 59.3424, 0.3262,
0.3320

 69.2951, 0.3097,
0.3283

 80.4280, 0.2962,
0.3249

Harmonies

Analogous

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



19.1361, 0.5033, 0.2769



19.1361, 0.5611, 0.3513



19.1361, 0.5287, 0.4343

Triad

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



19.1361, 0.5611, 0.3513



19.1361, 0.2220, 0.5095



19.1361, 0.1631, 0.1526

Complementary

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



19.1361, 0.5611, 0.3513



41.8604, 0.2197, 0.2919

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.



19.1361, 0.1218, 0.1678



19.1361, 0.5611, 0.3513



19.1361, 0.1449, 0.3491

Square

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



19.1361, 0.5611, 0.3513



19.1361, 0.3306, 0.5770



19.1361, 0.1148, 0.2262



19.1361, 0.2467, 0.1684

Rectangle

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



19.1361, 0.5611, 0.3513



19.1361, 0.4737, 0.4947



19.1361, 0.1148, 0.2262



19.1361, 0.1452, 0.1539

Sweetspot

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



19.1372, 0.5611, 0.3513



68.9857, 0.3584, 0.3382



20.1250, 0.3478, 0.1830



13.8957, 0.3677, 0.3397



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.



19.1372, 0.5611, 0.3513



23.6786, 0.6163, 0.3432



37.2111, 0.4681, 0.4399



12.7178, 0.3287, 0.3326



9.3611, 0.6252, 0.3418



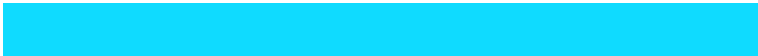
0.6620, 0.5961, 0.3649

Inverse Universe

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



41.8604, 0.2197, 0.2919



58.0509, 0.2126, 0.2829



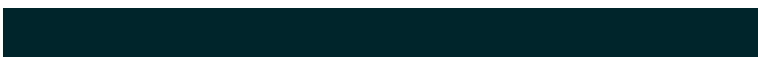
16.2349, 0.1857, 0.1612



13.7763, 0.2983, 0.3254



23.2703, 0.2114, 0.2811



1.4915, 0.2139, 0.2902

Previews

White Background



This preview shows how the Yxy color 19.1361, 0.5611, 0.3513 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 19.1361, 0.5611, 0.3513 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 19.1361, 0.5611, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 19.1361, 0.5611, 0.3513.



This preview shows how white text looks on a background with the Yxy color 19.1361, 0.5611, 0.3513.

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

19.1361, 0.5611, 0.3513

Protanopia

19.3352, 0.3982, 0.4359

Deuteranopia

19.3905, 0.4533, 0.4461



Tritanopia

19.1712, 0.5338, 0.3267

Trichromacy



Original Color

19.1361, 0.5611, 0.3513

Protanomaly

17.9826, 0.4618, 0.3994

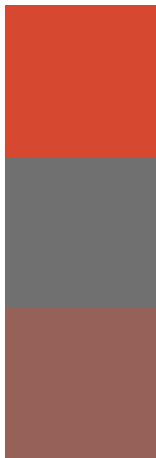
Deuteranomaly

18.3815, 0.4986, 0.4052

Tritanomaly

19.1863, 0.5452, 0.3362

Monochromacy



Original Color

19.1361, 0.5611, 0.3513

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.6435, 0.4064, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1361, 0.5611, 0.3513 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(214, 72, 47)` looks like.

```
.text, #text, p{  
    color:rgb(214, 72, 47)  
}
```

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(214, 72, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 72, 47) }
```

Border

The CSS property to change the border of an element to Yxy 19.1361, 0.5611, 0.3513 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(214, 72, 47) }
```

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

```
.border{ border-color:rgb(214, 72, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 72, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 72, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 72, 47);  
box-shadow:4px 4px 4px 4px rgb(214, 72,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1361, 0.5611, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 72, 47) }
```

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

```
.background{ background-color: rgb(214, 72,  
47) }
```

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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