

Converting Colors

$Yxy(18.6156, 0.5375, 0.3264)$

Have a look what the booklet for
Yxy(18.6156, 0.5375, 0.3264)
contains.

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Color

Yxy(18.6026, 0.5367, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D54346
RGB	213, 67, 70
RGB Percent	84%, 26%, 27%
CMY	0.1647, 0.7372, 0.7256
CMYK	0.00, 0.69, 0.67, 0.16
HSL	359°, 63%, 55%
HSV	359°, 69%, 84%
XYZ	30.5508, 18.6026, 7.7701
YIQ	110.9960, 86.0530, 31.8850

Conversions

Conversions Part 2

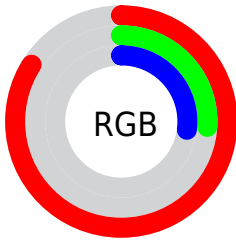
Format	Color
R_{YB}	213, 67, 70
Decimal	13976390
CIE Lab	50.22, 57.08, 31.21
CIE LCh	50, 65.054, 28.673
Yxy	18.6026, 0.5367, 0.3268
Android (android.graphics.Color)	4292166470 (0xFFD54346)
YUV	110.9960, -20.2110, 89.4575
Hunter-Lab	43.1307, 50.9583, 19.5103

Details

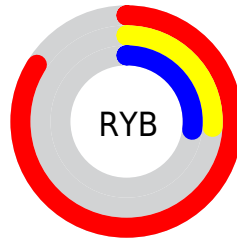
The Yxy color **18.6026, 0.5367, 0.3268** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **53.4337, 0.2352, 0.3329**, and the grayscale version is **15.9381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7339, 0.4697, 0.3344**, and **6.6539, 0.6113, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **16.2999, 0.5816, 0.3273**, and if you desaturate by 10%, it is **21.9298, 0.4891, 0.3267**.

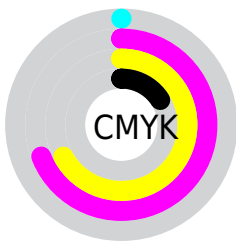
Distribution



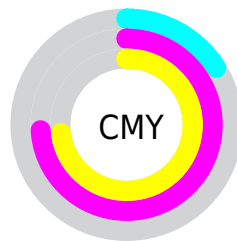
- Red (84%)
- Green (26%)
- Blue (27%)



- Red (84%)
- Yellow (26%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (67%)
- Black (16%)




- Cyan (16%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.6026, 0.5367, 0.3268 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 18.6026, 0.5367, 0.3268 by changing the saturation by 10% instead.


 18.6026, 0.5367,
0.3268


 18.6026, 0.5367,
0.3268


244.2460, 0.4091,
0.3372


 11.3835, 0.5724,
0.3193


 41.0615, 0.4870,
0.3338

 6.3254, 0.6191,
0.3059


 57.0701, 0.4693,
0.3353

 3.0439, 0.6907,
0.2854

 76.7772, 0.4547,
0.3363

 1.1547, 0.7642,
0.2358

 100.5674, 0.4425,
0.3368

 0.0242, 0.9847,
0.0153

 128.8250, 0.4322,
0.3371

 0.0000, 1.0000,
0.0000

161.9343, 0.4234,

 0.0000, 0.0000,

0.3372

0.0000

200.2799, 0.4158,
0.3372

■ 18.6026, 0.5367,
0.3268

■ 18.6026, 0.5367,
0.3268

■ 16.2999, 0.5816,
0.3273

■ 21.9298, 0.4891,
0.3267

■ 14.9008, 0.6164,
0.3282

■ 26.3784, 0.4446,
0.3268


■ 14.2289, 0.6361,
0.3290


■ 32.0377, 0.4060,
0.3272


■ 14.1543, 0.6383,
0.3290


■ 38.9872, 0.3739,
0.3277

■ 47.2994, 0.3479,
0.3281

 57.0417, 0.3271,
0.3286

 68.2769, 0.3105,
0.3291

 81.0640, 0.2972,
0.3295

 92.8849, 0.2877,
0.3289

Harmonies

Analogous

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



18.6026, 0.4521, 0.2569



18.6026, 0.5367, 0.3268



18.6026, 0.5369, 0.4037

Triad

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



18.6026, 0.5367, 0.3268



18.6026, 0.2646, 0.5331



18.6026, 0.1522, 0.1627

Complementary

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



18.6026, 0.5367, 0.3268



53.4337, 0.2352, 0.3329

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.



18.6026, 0.1245, 0.1912



18.6026, 0.5367, 0.3268



18.6026, 0.1762, 0.4026

Square

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



18.6026, 0.5367, 0.3268



18.6026, 0.3715, 0.5532



18.6026, 0.1303, 0.2677



18.6026, 0.2173, 0.1675

Rectangle

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



18.6026, 0.5367, 0.3268



18.6026, 0.4978, 0.4592



18.6026, 0.1303, 0.2677



18.6026, 0.1392, 0.1680

Sweetspot

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



18.6037, 0.5367, 0.3268



67.5329, 0.3543, 0.3280



22.2488, 0.3144, 0.1746



13.6975, 0.3614, 0.3279



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.



18.6037, 0.5367, 0.3268



23.4376, 0.5982, 0.3277



31.9178, 0.4726, 0.4062



12.4248, 0.3288, 0.3286



8.6487, 0.6377, 0.3287



0.5231, 0.6303, 0.3246

Inverse Universe

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



18.6037, 0.5367, 0.3268



23.4376, 0.5982, 0.3277



26.2096, 0.2082, 0.2233



12.4248, 0.3288, 0.3286



8.6487, 0.6377, 0.3287



0.5231, 0.6303, 0.3246

Previews

White Background



This preview shows how the Yxy color 18.6026, 0.5367, 0.3268 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 18.6026, 0.5367, 0.3268 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 18.6026, 0.5367, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 18.6026, 0.5367, 0.3268.



This preview shows how white text looks on a background with the Yxy color 18.6026, 0.5367, 0.3268.

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

18.6026, 0.5367, 0.3268

Protanopia

18.8383, 0.3607, 0.3858

Deuteranopia

18.5855, 0.4237, 0.4162



Tritanopia

18.6026, 0.5367, 0.3268

Trichromacy



Original Color

18.6026, 0.5367, 0.3268

Protanomaly

17.4055, 0.4264, 0.3584

Deuteranomaly

17.5890, 0.4701, 0.3755

Tritanomaly

18.6026, 0.5367, 0.3268

Monochromacy



Original Color

18.6026, 0.5367, 0.3268

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.3248, 0.3936, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6026, 0.5367, 0.3268 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(213, 67, 70)` looks like.

```
.text, #text, p{  
    color:rgb(213, 67, 70)  
}
```

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(213, 67, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 67, 70) }
```

Border

The CSS property to change the border of an element to Yxy 18.6026, 0.5367, 0.3268 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(213, 67, 70) }
```

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

```
.border{ border-color:rgb(213, 67, 70) }
```

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

Here you see how a box with a 4 pixel rgb(213, 67, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 67, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 67, 70);  
box-shadow:4px 4px 4px 4px rgb(213, 67,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6026, 0.5367, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 67, 70) }
```

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

```
.background{ background-color: rgb(213, 67,  
70) }
```

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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