

Converting Colors

$Yxy(17.5664, 0.5436, 0.3126)$

Have a look what the booklet for
Yxy(17.5664, 0.5436, 0.3126)
contains.

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Color

Yxy(17.5664, 0.5436, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	D73649
RGB	215, 54, 73
RGB Percent	84%, 21%, 29%
CMY	0.1568, 0.7882, 0.7138
CMYK	0.00, 0.75, 0.66, 0.16
HSL	353°, 67%, 53%
HSV	353°, 75%, 84%
XYZ	30.5473, 17.5664, 8.0808
YIQ	104.3050, 89.8570, 40.0410

Conversions

Conversions Part 2

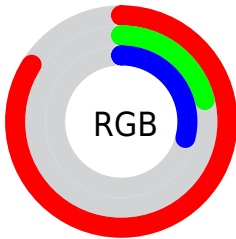
Format	Color
R _Y B	215, 54, 73
Decimal	14104137
CIE Lab	48.97, 62.46, 27.96
CIE LCh	49, 68.438, 24.116
Yxy	17.5664, 0.5436, 0.3126
Android (android.graphics.Color)	4292294217 (0xFFD73649)
YUV	104.3050, -15.4334, 97.0795
Hunter-Lab	41.9123, 56.7513, 17.9074

Details

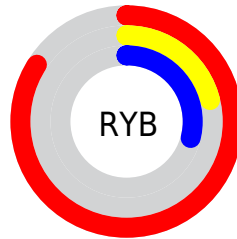
The Yxy color **17.5664, 0.5436, 0.3126** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **53.3757, 0.2389, 0.3563**, and the grayscale version is **13.9535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4507, 0.4723, 0.3216**, and **6.8660, 0.6054, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **15.7749, 0.5845, 0.3155**, and if you desaturate by 10%, it is **20.3205, 0.4990, 0.3119**.

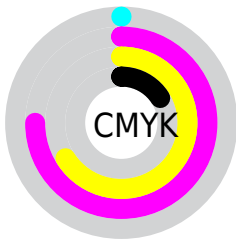
Distribution



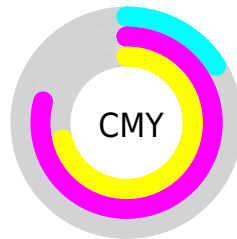
- Red (84%)
- Green (21%)
- Blue (29%)



- Red (84%)
- Yellow (21%)
- Blue (29%)



- Cyan (0%)
- Magenta (75%)
- Yellow (66%)
- Black (16%)




- Cyan (16%)
- Magenta (79%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5664, 0.5436, 0.3126 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 17.5664, 0.5436, 0.3126 by changing the saturation by 10% instead.


 17.5664, 0.5436,
0.3126


 17.5664, 0.5436,
0.3126


238.4156, 0.4109,
0.3307


 10.6391, 0.5813,
0.3031


 39.2971, 0.4916,
0.3225

 5.8247, 0.6311,
0.2872

 54.8693, 0.4731,
0.3251


 2.7388, 0.7058,
0.2624

 74.0919, 0.4580,
0.3269

 0.9969, 0.7896,
0.2104

 97.3494, 0.4454,
0.3282

 0.0000, 1.0000,
0.0000

 125.0261, 0.4347,
0.3291

 0.0000, 0.0000,
0.0000

157.5065, 0.4256,

0.3298

195.1748, 0.4178,
0.3303

■ 17.5664, 0.5436,
0.3126

■ 17.5664, 0.5436,
0.3126

■ 15.7749, 0.5845,
0.3155

■ 20.3205, 0.4990,
0.3119

■ 14.8092, 0.6156,
0.3205


■ 24.1439, 0.4559,
0.3130


■ 14.5199, 0.6271,
0.3228


■ 29.1324, 0.4177,
0.3153


■ 35.3706, 0.3853,
0.3183

■ 42.9349, 0.3587,
0.3215

 51.8959, 0.3372,
0.3246

 62.3189, 0.3199,
0.3276

 74.2652, 0.3060,
0.3304

 87.7928, 0.2947,
0.3329

Harmonies

Analogous

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



17.5664, 0.4418, 0.2420



17.5664, 0.5436, 0.3126



17.5664, 0.5547, 0.3906

Triad

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



17.5664, 0.5436, 0.3126



17.5664, 0.2757, 0.5624



17.5664, 0.1375, 0.1561

Complementary

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



17.5664, 0.5436, 0.3126



53.3757, 0.2389, 0.3563

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.



17.5664, 0.1142, 0.1910



17.5664, 0.5436, 0.3126



17.5664, 0.1785, 0.4331

Square

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



17.5664, 0.5436, 0.3126



17.5664, 0.3878, 0.5595



17.5664, 0.1248, 0.2801



17.5664, 0.1982, 0.1567

Rectangle

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



17.5664, 0.5436, 0.3126



17.5664, 0.5175, 0.4483



17.5664, 0.1248, 0.2801



17.5664, 0.1260, 0.1631

Sweetspot

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



17.5674, 0.5436, 0.3126



66.4935, 0.3525, 0.3223



18.9537, 0.2958, 0.1570



13.5050, 0.3589, 0.3214



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.



17.5674, 0.5436, 0.3126



22.2298, 0.6047, 0.3183



26.5330, 0.5094, 0.3906



12.4444, 0.3273, 0.3263



8.6921, 0.6247, 0.3215



0.5324, 0.5883, 0.3014

Inverse Universe

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



17.5674, 0.5436, 0.3126



22.2298, 0.6047, 0.3183



29.4585, 0.2074, 0.2380



12.4444, 0.3273, 0.3263



8.6921, 0.6247, 0.3215



0.5324, 0.5883, 0.3014

Previews

White Background



This preview shows how the Yxy color 17.5664, 0.5436, 0.3126 looks on a white 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

Black Background



This preview shows how the Yxy color 17.5664, 0.5436, 0.3126 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 17.5664, 0.5436, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 17.5664, 0.5436, 0.3126.



This preview shows how white text looks on a background with the Yxy color 17.5664, 0.5436, 0.3126.

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

17.5664, 0.5436, 0.3126

Protanopia

17.8154, 0.3439, 0.3661

Deuteranopia

17.7981, 0.4180, 0.4122



Tritanopia

17.5382, 0.5608, 0.3280

Trichromacy



Original Color

17.5664, 0.5436, 0.3126

Protanomaly

15.7946, 0.4172, 0.3376

Deuteranomaly

16.3224, 0.4715, 0.3644

Tritanomaly

17.4947, 0.5547, 0.3227

Monochromacy



Original Color

17.5664, 0.5436, 0.3126

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.3752, 0.3979, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5664, 0.5436, 0.3126 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(215, 54, 73)` looks like.

```
.text, #text, p{  
    color:rgb(215, 54, 73)  
}
```

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(215, 54, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 54, 73) }
```

Border

The CSS property to change the border of an element to Yxy 17.5664, 0.5436, 0.3126 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(215, 54, 73) }
```

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

```
.border{ border-color:rgb(215, 54, 73) }
```

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

Here you see how a box with a 4 pixel rgb(215, 54, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 54, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 54, 73);  
box-shadow:4px 4px 4px 4px rgb(215, 54,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5664, 0.5436, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 54, 73) }
```

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

```
.background{ background-color: rgb(215, 54,  
73) }
```

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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