

Converting Colors

$Y_{xy}(21.7509, 0.4964, 0.3265)$

Have a look what the booklet for
Yxy(21.7509, 0.4964, 0.3265)
contains.

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Color

Yxy(21.8239, 0.4956, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	D75659
RGB	215, 86, 89
RGB Percent	84%, 34%, 35%
CMY	0.1568, 0.6627, 0.6509
CMYK	0.00, 0.60, 0.59, 0.16
HSL	359°, 62%, 59%
HSV	359°, 60%, 84%
XYZ	33.1573, 21.8239, 11.9222
YIQ	124.9130, 75.9210, 28.2810

Conversions

Conversions Part 2

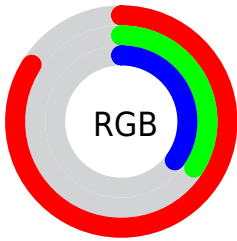
Format	Color
R _Y B	215, 86, 89
Decimal	14112345
CIE Lab	53.84, 50.95, 24.73
CIE LCh	54, 56.632, 25.894
Yxy	21.8239, 0.4956, 0.3262
Android (android.graphics.Color)	4292302425 (0xFFD75659)
YUV	124.9130, -17.7051, 79.0063
Hunter-Lab	46.7161, 44.9396, 17.5701

Details

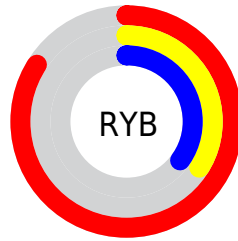
The Yxy color **21.8239, 0.4956, 0.3262** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **55.3339, 0.2408, 0.3329**, and the grayscale version is **20.5201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8802, 0.4361, 0.3304**, and **7.8824, 0.5626, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **18.5889, 0.5431, 0.3264**, and if you desaturate by 10%, it is **26.1942, 0.4505, 0.3264**.

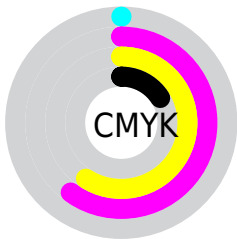
Distribution



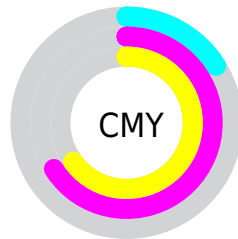
- Red (84%)
- Green (34%)
- Blue (35%)



- Red (84%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (60%)
- Yellow (59%)
- Black (16%)




- Cyan (16%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8239, 0.4956, 0.3262 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 21.8239, 0.4956, 0.3262 by changing the saturation by 10% instead.


 21.8239, 0.4956,
0.3262


 21.8239, 0.4956,
0.3262


261.6253, 0.3926,
0.3335

 13.7276, 0.5247,
0.3215


 46.4548, 0.4555,
0.3308


 7.9314, 0.5636,
0.3132

 63.7581, 0.4412,
0.3319


 4.0511, 0.6172,
0.2978

 84.8992, 0.4295,
0.3326

 1.7022, 0.7212,
0.2788

 110.2625, 0.4197,
0.3330

 0.4251, 0.8197,
0.1803

 140.2323, 0.4114,
0.3333

 0.0000, 1.0000,
0.0000

175.1931, 0.4042,

 0.0000, 0.0000,

0.3334

0.0000

215.5293, 0.3980,
0.3335

■ 21.8239, 0.4956,
0.3262

■ 21.8239, 0.4956,
0.3262

■ 18.5889, 0.5431,
0.3264

■ 26.1942, 0.4505,
0.3264

■ 16.3810, 0.5870,
0.3270

■ 31.7878, 0.4110,
0.3268

■ 15.0774, 0.6199,
0.3281

■ 38.6884, 0.3780,
0.3273

■ 14.4588, 0.6380,
0.3288

■ 46.9711, 0.3513,
0.3279

■ 56.7056, 0.3299,
0.3285

■ 67.9565, 0.3127,
0.3290

■ 80.7849, 0.2990,
0.3295

■ 93.1878, 0.2889,
0.3289

Harmonies

Analogous

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



21.8239, 0.4196, 0.2635



21.8239, 0.4956, 0.3262



21.8239, 0.5072, 0.3950

Triad

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



21.8239, 0.4956, 0.3262



21.8239, 0.2850, 0.4984



21.8239, 0.1701, 0.1864

Complementary

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



21.8239, 0.4956, 0.3262



55.3339, 0.2408, 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.



21.8239, 0.1479, 0.2174



21.8239, 0.4956, 0.3262



21.8239, 0.2045, 0.4013

Square

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



21.8239, 0.4956, 0.3262



21.8239, 0.3781, 0.5144



21.8239, 0.1579, 0.2897



21.8239, 0.2255, 0.1872

Rectangle

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



21.8239, 0.4956, 0.3262



21.8239, 0.4806, 0.4420



21.8239, 0.1579, 0.2897



21.8239, 0.1592, 0.1928

Sweetspot

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



21.8251, 0.4956, 0.3262



71.5720, 0.3470, 0.3280



25.3674, 0.3146, 0.1883



14.4819, 0.3540, 0.3278



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.



21.8251, 0.4956, 0.3262



26.3353, 0.5556, 0.3265



35.7398, 0.4479, 0.4000



12.4255, 0.3287, 0.3285



8.6499, 0.6373, 0.3285



0.5234, 0.6288, 0.3238

Inverse Universe

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



21.8251, 0.4956, 0.3262



26.3353, 0.5556, 0.3265



30.2620, 0.2193, 0.2388



12.4255, 0.3287, 0.3285



8.6499, 0.6373, 0.3285



0.5234, 0.6288, 0.3238

Previews

White Background



This preview shows how the Yxy color 21.8239, 0.4956, 0.3262 looks on a white background.

Color Contrast Check

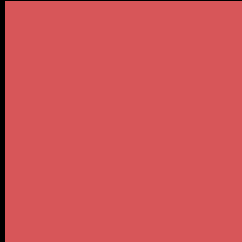
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8239, 0.4956, 0.3262 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 21.8239, 0.4956, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 21.8239, 0.4956, 0.3262.



This preview shows how white text looks on a background with the Yxy color 21.8239, 0.4956, 0.3262.

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

21.8239, 0.4956, 0.3262

Protanopia

22.0175, 0.3448, 0.3665

Deuteranopia

21.8584, 0.4032, 0.3943



Tritanopia

21.8580, 0.4927, 0.3240

Trichromacy



Original Color

21.8239, 0.4956, 0.3262

Protanomaly

20.7492, 0.3989, 0.3482

Deuteranomaly

21.1548, 0.4382, 0.3657

Tritanomaly

21.8408, 0.4942, 0.3251

Monochromacy



Original Color

21.8239, 0.4956, 0.3262

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8078, 0.3755, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8239, 0.4956, 0.3262 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, 86, 89)` looks like.

```
.text, #text, p{  
    color:rgb(215, 86, 89)  
}
```

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, 86, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 86, 89) }
```

Border

The CSS property to change the border of an element to Yxy 21.8239, 0.4956, 0.3262 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, 86, 89) }
```

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

```
.border{ border-color:rgb(215, 86, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 86, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 86, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 86, 89);  
box-shadow:4px 4px 4px 4px rgb(215, 86,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8239, 0.4956, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 86, 89) }
```

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

```
.background{ background-color: rgb(215, 86,  
89) }
```

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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