

Converting Colors

$Yxy(20.4148, 0.4964, 0.3262)$

Have a look what the booklet for
Yxy(20.4148, 0.4964, 0.3262)
contains.

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Color

Yxy(20.4137, 0.4964, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	D15356
RGB	209, 83, 86
RGB Percent	82%, 33%, 34%
CMY	0.1804, 0.6744, 0.6628
CMYK	0.00, 0.60, 0.59, 0.18
HSL	359°, 58%, 57%
HSV	359°, 60%, 82%
XYZ	31.0649, 20.4137, 11.1017
YIQ	121.0160, 74.1330, 27.6450

Conversions

Conversions Part 2

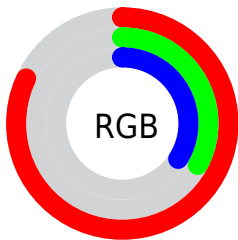
Format	Color
R _Y B	209, 83, 86
Decimal	13718358
CIE Lab	52.30, 50.01, 24.33
CIE LCh	52, 55.613, 25.941
Yxy	20.4137, 0.4964, 0.3262
Android (android.graphics.Color)	4291908438 (0xFFD15356)
YUV	121.0160, -17.2629, 77.1620
Hunter-Lab	45.1815, 43.6613, 17.0587

Details

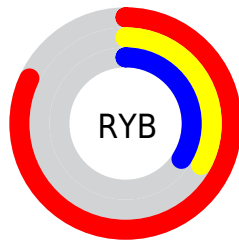
The Yxy color **20.4137, 0.4964, 0.3262** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **51.8942, 0.2407, 0.3330**, and the grayscale version is **19.1663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9289, 0.4410, 0.3304**, and **7.2449, 0.5667, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **17.4005, 0.5438, 0.3264**, and if you desaturate by 10%, it is **24.4867, 0.4513, 0.3264**.

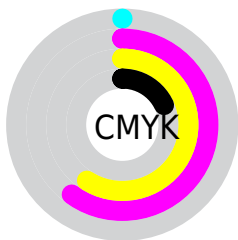
Distribution



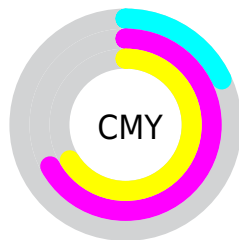
- Red (82%)
- Green (33%)
- Blue (34%)



- Red (82%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (60%)
- Yellow (59%)
- Black (18%)




- Cyan (18%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.4137, 0.4964, 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 20.4137, 0.4964, 0.3262 by changing the saturation by 10% instead.


 20.4137, 0.4964,
0.3262


 20.4137, 0.4964,
0.3262

254.1460, 0.3920,
0.3336


 12.6961, 0.5264,
0.3213


 44.1097, 0.4554,
0.3309


 7.2196, 0.5667,
0.3126


 60.8569, 0.4410,
0.3320


 3.5998, 0.6226,
0.2962

 81.3828, 0.4291,
0.3327

 1.4523, 0.7271,
0.2729

 106.0717, 0.4192,
0.3331

 0.2548, 0.8647,
0.1353

 135.3081, 0.4108,
0.3333

 0.0000, 1.0000,
0.0000

169.4764, 0.4036,

 0.0000, 0.0000,

0.3335

0.0000

208.9609, 0.3974,
0.3335

■ 20.4137, 0.4964,
0.3262

■ 20.4137, 0.4964,
0.3262

■ 17.4005, 0.5438,
0.3264

■ 24.4867, 0.4513,
0.3264

■ 15.3458, 0.5875,
0.3270

■ 29.7018, 0.4117,
0.3268

■ 14.1348, 0.6202,
0.3281

■ 36.1371, 0.3787,
0.3273

■ 13.5648, 0.6379,
0.3288

■ 43.8631, 0.3519,
0.3279

■ 52.9447, 0.3303,
0.3285

■ 63.4425, 0.3131,
0.3290

■ 75.4135, 0.2994,
0.3295

■ 88.9114, 0.2883,
0.3299

■ 92.2940, 0.2855,
0.3289

Harmonies

Analogous

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



20.4137, 0.4202, 0.2634



20.4137, 0.4964, 0.3262



20.4137, 0.5078, 0.3951

Triad

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



20.4137, 0.4964, 0.3262



20.4137, 0.2847, 0.4991



20.4137, 0.1697, 0.1859

Complementary

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



20.4137, 0.4964, 0.3262



51.8942, 0.2407, 0.3330

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.



20.4137, 0.1474, 0.2168



20.4137, 0.4964, 0.3262



20.4137, 0.2039, 0.4014

Square

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



20.4137, 0.4964, 0.3262



20.4137, 0.3780, 0.5152



20.4137, 0.1573, 0.2893



20.4137, 0.2252, 0.1868

Rectangle

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



20.4137, 0.4964, 0.3262



20.4137, 0.4810, 0.4423



20.4137, 0.1573, 0.2893



20.4137, 0.1587, 0.1923

Sweetspot

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



20.4148, 0.4964, 0.3262



71.5720, 0.3470, 0.3280



23.7419, 0.3146, 0.1880



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.



20.4148, 0.4964, 0.3262



26.3353, 0.5556, 0.3265



33.4670, 0.4483, 0.4002



11.8127, 0.3287, 0.3285



8.3665, 0.6373, 0.3284



0.4694, 0.6283, 0.3235

Inverse Universe

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



20.4148, 0.4964, 0.3262



26.3353, 0.5556, 0.3265



28.3206, 0.2191, 0.2385



11.8127, 0.3287, 0.3285



8.3665, 0.6373, 0.3284



0.4694, 0.6283, 0.3235

Previews

White Background



This preview shows how the Yxy color 20.4137, 0.4964, 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 20.4137, 0.4964, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

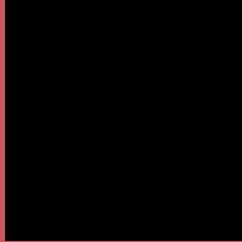
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 20.4137, 0.4964, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 20.4137, 0.4964, 0.3262.



This preview shows how white text looks on a background with the Yxy color 20.4137, 0.4964, 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

20.4137, 0.4964, 0.3262

Protanopia

20.5722, 0.3457, 0.3676

Deuteranopia

20.5914, 0.4026, 0.3961



Tritanopia

20.4464, 0.4934, 0.3239

Trichromacy



Original Color

20.4137, 0.4964, 0.3262

Protanomaly

19.4885, 0.3997, 0.3504

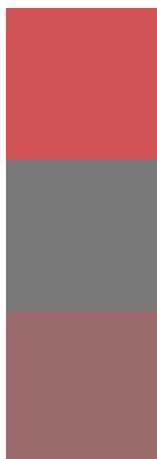
Deuteranomaly

19.8952, 0.4385, 0.3667

Tritanomaly

20.4299, 0.4949, 0.3250

Monochromacy



Original Color

20.4137, 0.4964, 0.3262

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3704, 0.3762, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.4137, 0.4964, 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(209, 83, 86)` looks like.

```
.text, #text, p{  
  color:rgb(209, 83, 86)  
}
```

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(209, 83, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 83, 86) }
```

Border

The CSS property to change the border of an element to Yxy 20.4137, 0.4964, 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(209, 83, 86) }
```

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

```
.border{ border-color:rgb(209, 83, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 83, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 83, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 83, 86);  
box-shadow:4px 4px 4px 4px rgb(209, 83,  
86) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 20.4137, 0.4964, 0.3262$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 83, 86) }
```

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

```
.background{ background-color: rgb(209, 83,  
86) }
```

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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