

Converting Colors

$Y_{xy}(14.0667, 0.5584, 0.3164)$

Have a look what the booklet for
Yxy(14.0667, 0.5584, 0.3164)
contains.

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Color

Yxy(13.9874, 0.5587, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	C52C3B
RGB	197, 44, 59
RGB Percent	77%, 17%, 23%
CMY	0.2275, 0.8274, 0.7687
CMYK	0.00, 0.78, 0.70, 0.23
HSL	354°, 63%, 47%
HSV	354°, 78%, 77%
XYZ	24.7146, 13.9874, 5.5339
YIQ	91.4570, 86.3730, 37.1010

Conversions

Conversions Part 2

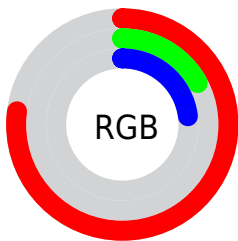
Format	Color
R _Y B	197, 44, 59
Decimal	12921915
CIE Lab	44.21, 59.59, 29.74
CIE LCh	44, 66.596, 26.520
Yxy	13.9874, 0.5587, 0.3162
Android (android.graphics.Color)	4291111995 (0xFFC52C3B)
YUV	91.4570, -16.0013, 92.5612
Hunter-Lab	37.3997, 52.5074, 17.4069

Details

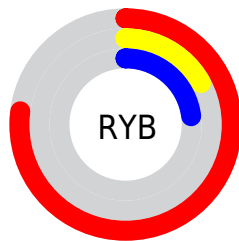
The Yxy color **13.9874, 0.5587, 0.3162** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **43.8437, 0.2366, 0.3522**, and the grayscale version is **10.5964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0011, 0.4972, 0.3267**, and **5.1914, 0.6198, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **12.6978, 0.5974, 0.3192**, and if you desaturate by 10%, it is **16.0376, 0.5142, 0.3151**.

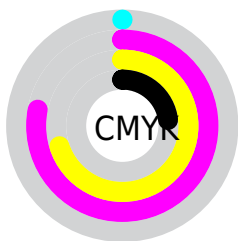
Distribution



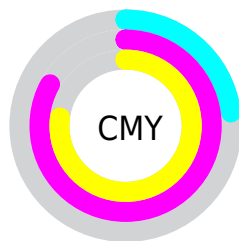
- Red (77%)
- Green (17%)
- Blue (23%)



- Red (77%)
- Yellow (17%)
- Blue (23%)



- Cyan (0%)
- Magenta (78%)
- Yellow (70%)
- Black (23%)




- Cyan (23%)
- Magenta (83%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9874, 0.5587, 0.3162 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 13.9874, 0.5587, 0.3162 by changing the saturation by 10% instead.


 13.9874, 0.5587,
0.3162

 13.9874, 0.5587,
0.3162


217.1524, 0.4136,
0.3341


 8.1119, 0.6011,
0.3049


 33.0667, 0.5008,
0.3270

 4.1666, 0.6575,
0.2851

 47.0392, 0.4805,
0.3296


 1.7672, 0.7464,
0.2536

 64.4796, 0.4640,
0.3313

 0.4666, 0.8373,
0.1627

 85.7722, 0.4504,
0.3324

 0.0000, 1.0000,
0.0000

 111.3014, 0.4389,
0.3331

 0.0000, 0.0000,
0.0000

 141.4515, 0.4292,

0.3336

176.6071, 0.4208,
0.3339

■ 13.9874, 0.5587,
0.3162

■ 13.9874, 0.5587,
0.3162

■ 12.6978, 0.5974,
0.3192

■ 16.0376, 0.5142,
0.3151

■ 12.0335, 0.6246,
0.3235

■ 18.9386, 0.4698,
0.3155

■ 11.9173, 0.6294,
0.3241

■ 22.7709, 0.4294,
0.3172

■ 27.6049, 0.3949,
0.3195

■ 33.5041, 0.3663,
0.3221

■ 40.5270, 0.3432,
0.3247

■ 48.7276, 0.3245,
0.3272

■ 58.1566, 0.3095,
0.3295

■ 68.8616, 0.2974,
0.3317

Harmonies

Analogous

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



13.9874, 0.4589, 0.2436



13.9874, 0.5587, 0.3162



13.9874, 0.5603, 0.3963

Triad

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



13.9874, 0.5587, 0.3162



13.9874, 0.2629, 0.5697



13.9874, 0.1351, 0.1490

Complementary

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



13.9874, 0.5587, 0.3162



43.8437, 0.2366, 0.3522

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.



13.9874, 0.1085, 0.1805



13.9874, 0.5587, 0.3162



13.9874, 0.1659, 0.4241

Square

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



13.9874, 0.5587, 0.3162



13.9874, 0.3783, 0.5734



13.9874, 0.1158, 0.2665



13.9874, 0.2006, 0.1524

Rectangle

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



13.9874, 0.5587, 0.3162



13.9874, 0.5169, 0.4569



13.9874, 0.1158, 0.2665



13.9874, 0.1224, 0.1550

Sweetspot

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



13.9882, 0.5587, 0.3162



65.1664, 0.3558, 0.3232



15.7422, 0.3014, 0.1571



13.0018, 0.3647, 0.3222



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.



13.9882, 0.5587, 0.3162



21.8483, 0.6172, 0.3222



22.1978, 0.5106, 0.3970



10.6535, 0.3274, 0.3268



7.8450, 0.6275, 0.3231



0.3773, 0.5900, 0.3024

Inverse Universe

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



13.9882, 0.5587, 0.3162



21.8483, 0.6172, 0.3222



22.1205, 0.2029, 0.2256



10.6535, 0.3274, 0.3268



7.8450, 0.6275, 0.3231



0.3773, 0.5900, 0.3024

Previews

White Background



This preview shows how the Yxy color 13.9874, 0.5587, 0.3162 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 13.9874, 0.5587, 0.3162 looks on a black 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

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

Yxy 13.9874, 0.5587, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 13.9874, 0.5587, 0.3162.



This preview shows how white text looks on a background with the Yxy color 13.9874, 0.5587, 0.3162.

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

13.9874, 0.5587, 0.3162

Protanopia

14.2079, 0.3571, 0.3801

Deuteranopia

14.0905, 0.4292, 0.4217



Tritanopia

14.0295, 0.5748, 0.3289

Trichromacy



Original Color

13.9874, 0.5587, 0.3162

Protanomaly

12.5968, 0.4352, 0.3471

Deuteranomaly

12.8644, 0.4857, 0.3711

Tritanomaly

13.9861, 0.5701, 0.3246

Monochromacy



Original Color

13.9874, 0.5587, 0.3162

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.2079, 0.4089, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9874, 0.5587, 0.3162 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(197, 44, 59)` looks like.

```
.text, #text, p{  
    color:rgb(197, 44, 59)  
}
```

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(197, 44, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 44, 59) }
```

Border

The CSS property to change the border of an element to Yxy 13.9874, 0.5587, 0.3162 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(197, 44, 59) }
```

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

```
.border{ border-color:rgb(197, 44, 59) }
```

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

Here you see how a box with a 4 pixel rgb(197, 44, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 44, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 44, 59);  
box-shadow:4px 4px 4px 4px rgb(197, 44,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9874, 0.5587, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 44, 59) }
```

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

```
.background{ background-color: rgb(197, 44,  
59) }
```

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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