

Converting Colors

$Yxy(13.9263, 0.5474, 0.3123)$

Have a look what the booklet for
Yxy(13.9263, 0.5474, 0.3123)
contains.

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Color

Yxy(13.9263, 0.5474, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	C32E40
RGB	195, 46, 64
RGB Percent	76%, 18%, 25%
CMY	0.2353, 0.8196, 0.7489
CMYK	0.00, 0.76, 0.67, 0.24
HSL	353°, 62%, 47%
HSV	353°, 76%, 76%
XYZ	24.4100, 13.9263, 6.2564
YIQ	92.6030, 83.0260, 37.1860

Conversions

Conversions Part 2

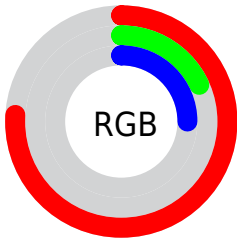
Format	Color
RYB	195, 46, 64
Decimal	12791360
CIELab	44.13, 58.65, 26.49
CIElCh	44, 64.356, 24.307
Yxy	13.9263, 0.5474, 0.3123
Android (android.graphics.Color)	4290981440 (0xFFC32E40)
YUV	92.6030, -14.1013, 89.8022
Hunter-Lab	37.3180, 51.4522, 16.1826

Details

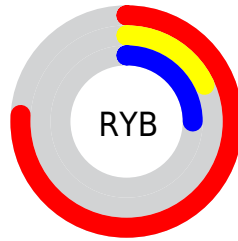
The Yxy color **13.9263, 0.5474, 0.3123** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42.7869, 0.2387, 0.3575**, and the grayscale version is **10.8685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.5330, 0.4884, 0.3229**, and **5.1263, 0.6111, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **12.5682, 0.5874, 0.3155**, and if you desaturate by 10%, it is **16.0375, 0.5032, 0.3114**.

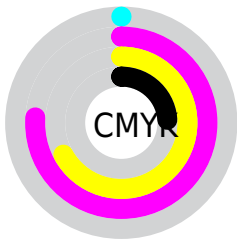
Distribution



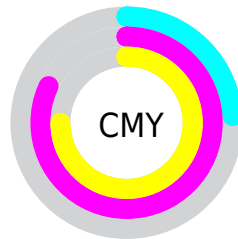
- Red (76%)
- Green (18%)
- Blue (25%)



- Red (76%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (76%)
- Yellow (67%)
- Black (24%)




- Cyan (24%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9263, 0.5474, 0.3123 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 13.9263, 0.5474, 0.3123 by changing the saturation by 10% instead.


 13.9263, 0.5474,
0.3123


 13.9263, 0.5474,
0.3123


216.7719, 0.4082,
0.3311


 8.0694, 0.5890,
0.3015


 32.9582, 0.4914,
0.3229


 4.1394, 0.6451,
0.2826

 46.9020, 0.4719,
0.3257

 1.7518, 0.7441,
0.2559

 64.3103, 0.4562,
0.3275

 0.4569, 0.8365,
0.1635

 85.5673, 0.4432,
0.3287

 0.0000, 1.0000,
0.0000

 111.0577, 0.4323,
0.3296

 0.0000, 0.0000,
0.0000

 141.1656, 0.4230,

0.3303

176.2755, 0.4151,
0.3307

■ 13.9263, 0.5474,
0.3123

■ 13.9263, 0.5474,
0.3123

■ 12.5682, 0.5874,
0.3155

■ 16.0375, 0.5032,
0.3114

■ 11.8472, 0.6173,
0.3206

■ 18.9873, 0.4602,
0.3124

■ 11.6672, 0.6256,
0.3220

■ 22.8524, 0.4217,
0.3146

■ 27.7001, 0.3889,
0.3176

■ 33.5916, 0.3618,
0.3208

■ 40.5827, 0.3399,
0.3240

■ 48.7256, 0.3222,
0.3271

■ 58.0689, 0.3080,
0.3300

■ 68.6587, 0.2965,
0.3326

Harmonies

Analogous

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



13.9263, 0.4446, 0.2412



13.9263, 0.5474, 0.3123



13.9263, 0.5574, 0.3908

Triad

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



13.9263, 0.5474, 0.3123



13.9263, 0.2738, 0.5662



13.9263, 0.1359, 0.1540

Complementary

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



13.9263, 0.5474, 0.3123



42.7869, 0.2387, 0.3575

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.



13.9263, 0.1121, 0.1887



13.9263, 0.5474, 0.3123



13.9263, 0.1760, 0.4337

Square

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



13.9263, 0.5474, 0.3123



13.9263, 0.3871, 0.5628



13.9263, 0.1224, 0.2781



13.9263, 0.1973, 0.1550

Rectangle

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



13.9263, 0.5474, 0.3123



13.9263, 0.5189, 0.4492



13.9263, 0.1224, 0.2781



13.9263, 0.1242, 0.1610

Sweetspot

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



13.9271, 0.5474, 0.3123



63.7719, 0.3546, 0.3218



15.0241, 0.2955, 0.1555



13.0169, 0.3634, 0.3206



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.



13.9271, 0.5474, 0.3123



21.5027, 0.6097, 0.3189



21.0365, 0.5129, 0.3907



10.0973, 0.3270, 0.3262



7.5893, 0.6233, 0.3207



0.3346, 0.5768, 0.2951

Inverse Universe

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



13.9271, 0.5474, 0.3123



21.5027, 0.6097, 0.3189



23.3854, 0.2064, 0.2365



10.0973, 0.3270, 0.3262



7.5893, 0.6233, 0.3207



0.3346, 0.5768, 0.2951

Previews

White Background



This preview shows how the Yxy color 13.9263, 0.5474, 0.3123 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 13.9263, 0.5474, 0.3123 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 13.9263, 0.5474, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 13.9263, 0.5474, 0.3123.



This preview shows how white text looks on a background with the Yxy color 13.9263, 0.5474, 0.3123.

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

13.9263, 0.5474, 0.3123

Protanopia

14.1708, 0.3457, 0.3676

Deuteranopia

14.0670, 0.4202, 0.4126



Tritanopia

13.8962, 0.5661, 0.3288

Trichromacy



Original Color

13.9263, 0.5474, 0.3123

Protanomaly

12.6559, 0.4207, 0.3384

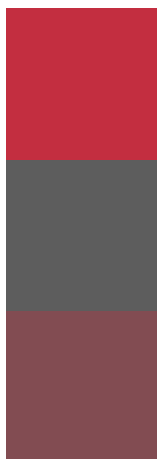
Deuteranomaly

12.8254, 0.4751, 0.3628

Tritanomaly

13.8591, 0.5596, 0.3232

Monochromacy



Original Color

13.9263, 0.5474, 0.3123

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.5239, 0.4016, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9263, 0.5474, 0.3123 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(195, 46, 64)` looks like.

```
.text, #text, p{  
    color:rgb(195, 46, 64)  
}
```

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(195, 46, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 46, 64) }
```

Border

The CSS property to change the border of an element to Yxy 13.9263, 0.5474, 0.3123 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(195, 46, 64) }
```

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

```
.border{ border-color:rgb(195, 46, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 46, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 46, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 46, 64);  
box-shadow:4px 4px 4px 4px rgb(195, 46,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9263, 0.5474, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 46, 64) }
```

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

```
.background{ background-color: rgb(195, 46,  
64) }
```

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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