

Converting Colors

$Yxy(13.2186, 0.5874, 0.3320)$

Have a look what the booklet for
Yxy(13.2186, 0.5874, 0.3320)
contains.

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Color

Yxy(13.2717, 0.5866, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	C22A27
RGB	194, 42, 39
RGB Percent	76%, 16%, 15%
CMY	0.2392, 0.8352, 0.8469
CMYK	0.00, 0.78, 0.80, 0.24
HSL	1°, 66%, 46%
HSV	1°, 80%, 76%
XYZ	23.4423, 13.2717, 3.2490
YIQ	87.1060, 91.5550, 31.2910

Conversions

Conversions Part 2

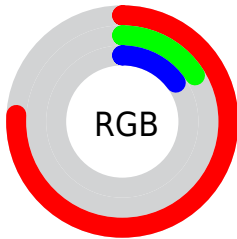
Format	Color
RYB	194, 42, 39
Decimal	12724775
CIELab	43.17, 58.52, 39.98
CIElCh	43, 70.875, 34.343
Yxy	13.2717, 0.5866, 0.3321
Android (android.graphics.Color)	4290914855 (0xFFC22A27)
YUV	87.1060, -23.7163, 93.7460
Hunter-Lab	36.4303, 51.1084, 20.2135

Details

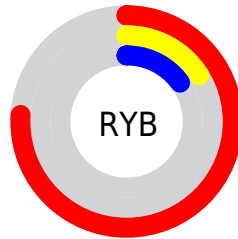
The Yxy color **13.2717, 0.5866, 0.3321** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **41.5985, 0.2276, 0.3241**, and the grayscale version is **9.5946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2232, 0.5231, 0.3436**, and **4.9055, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **12.1304, 0.6196, 0.3314**, and if you desaturate by 10%, it is **15.1207, 0.5428, 0.3324**.

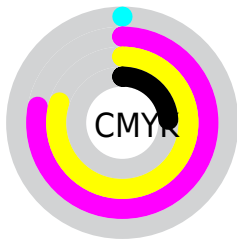
Distribution



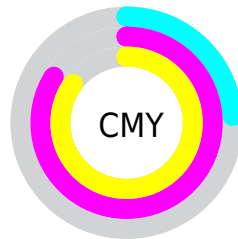
- Red (76%)
- Green (16%)
- Blue (15%)



- Red (76%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (78%)
- Yellow (80%)
- Black (24%)





- Cyan (24%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.2717, 0.5866, 0.3321 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 13.2717, 0.5866, 0.3321 by changing the saturation by 10% instead.


 13.2717, 0.5866,
0.3321


 13.2717, 0.5866,
0.3321


212.6517, 0.4271,
0.3460


 7.6159, 0.6299,
0.3189


 31.7910, 0.5246,
0.3433

 3.8502, 0.6989,
0.3011

 45.4234, 0.5022,
0.3454


 1.5901, 0.7494,
0.2506

 62.4834, 0.4839,
0.3465

 0.3509, 0.8590,
0.1410

 83.3554, 0.4686,
0.3469

 0.0000, 1.0000,
0.0000

 108.4238, 0.4557,
0.3469

 0.0000, 0.0000,
0.0000

 138.0731, 0.4448,

0.3467

172.6876, 0.4353,
0.3464

13.2717, 0.5866,
0.3321

13.2717, 0.5866,
0.3321

12.1304, 0.6196,
0.3314

15.1207, 0.5428,
0.3324

11.5553, 0.6386,
0.3310

17.7639, 0.4955,
0.3323

11.5497, 0.6388,
0.3310

21.2782, 0.4505,
0.3319

25.7306, 0.4111,
0.3313

31.1816, 0.3782,
0.3307

■ 37.6867, 0.3514,
0.3301

■ 45.2974, 0.3298,
0.3295

■ 54.0616, 0.3125,
0.3290

■ 64.0245, 0.2986,
0.3285

Harmonies

Analogous

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



13.2717, 0.5069, 0.2560



13.2717, 0.5866, 0.3321



13.2717, 0.5587, 0.4181

Triad

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



13.2717, 0.5866, 0.3321



13.2717, 0.2258, 0.5642



13.2717, 0.1387, 0.1371

Complementary

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



13.2717, 0.5866, 0.3321



41.5985, 0.2276, 0.3241

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.



13.2717, 0.1022, 0.1580



13.2717, 0.5866, 0.3321



13.2717, 0.1366, 0.3804

Square

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



13.2717, 0.5866, 0.3321



13.2717, 0.3445, 0.6045



13.2717, 0.0995, 0.2288



13.2717, 0.2191, 0.1489

Rectangle

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



13.2717, 0.5866, 0.3321



13.2717, 0.5025, 0.4875



13.2717, 0.0995, 0.2288



13.2717, 0.1224, 0.1400

Sweetspot

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



13.2725, 0.5866, 0.3321



62.7301, 0.3628, 0.3304



16.7024, 0.3237, 0.1667



12.8200, 0.3728, 0.3306



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.



13.2725, 0.5866, 0.3321



21.1363, 0.6343, 0.3308



24.8333, 0.4934, 0.4193



10.1081, 0.3288, 0.3295



7.6077, 0.6384, 0.3313



0.3396, 0.6323, 0.3361

Inverse Universe

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



41.5985, 0.2276, 0.3241



74.1332, 0.2234, 0.3230



16.3471, 0.1923, 0.1895



11.3942, 0.2984, 0.3285



26.8671, 0.2231, 0.3230



1.1716, 0.2234, 0.3243

Previews

White Background



This preview shows how the Yxy color 13.2717, 0.5866, 0.3321 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



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 13.2717, 0.5866, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 13.2717, 0.5866, 0.3321.



This preview shows how white text looks on a background with the Yxy color 13.2717, 0.5866, 0.3321.

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

13.2717, 0.5866, 0.3321

Protanopia

13.4967, 0.3920, 0.4276

Deuteranopia

13.5558, 0.4559, 0.4491



Tritanopia

13.2924, 0.5829, 0.3298

Trichromacy



Original Color

13.2717, 0.5866, 0.3321

Protanomaly

11.8659, 0.4722, 0.3819

Deuteranomaly

12.3200, 0.5154, 0.3942

Tritanomaly

13.2854, 0.5842, 0.3306

Monochromacy



Original Color

13.2717, 0.5866, 0.3321

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.3843, 0.4224, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.2717, 0.5866, 0.3321 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(194, 42, 39)` looks like.

```
.text, #text, p{  
    color:rgb(194, 42, 39)  
}
```

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(194, 42, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 42, 39) }
```

Border

The CSS property to change the border of an element to Yxy 13.2717, 0.5866, 0.3321 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(194, 42, 39) }
```

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

```
.border{ border-color:rgb(194, 42, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 42, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 42, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 42, 39);  
box-shadow:4px 4px 4px 4px rgb(194, 42,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 13.2717, 0.5866, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 42, 39) }
```

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

```
.background{ background-color: rgb(194, 42,  
39) }
```

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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